

# Kimia

Product & Technologies  
for building restoration

## GENERAL PRODUCT CATALOGUE







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# Kimia

Prodotti e tecnologie per il recupero edilizio

## The company

Kimia S.p.A. has been manufacturing **high performance materials** for the restoration and recovery of buildings, monuments and infrastructures since 1979.

Kimia S.p.A. is a company composed of young, trained and dynamic people; rapid to adapt itself to changes and always ready to find the more appropriate solution to restoration and recovery problems, together with the customer.

Our **agents'** network, both in Italy and in the rest of the world, is composed of technicians and professionals of the restoration and recovery sector, with noteworthy competencies and a long experience, able to listen to the customer and to collaborate with him for the research of the most convenient solution.

A tight network of laboratories of analysis, designers and specialized applicators, our **trustworthy partners**, are available to support and guarantee safe and reliable results, even in the most difficult and elaborate interventions.

Kimia technical-commercial structure is completed by specialized and authorized resellers: **Kimia Centers**, which are granted territorial exclusivity both in Italy and abroad, are established to operate with competency and professionalism in the building restoration and recovery market, the sector which offers the best opportunities of growth.

Kimia Center network is able to give a rapid and highly professional, accurate and efficient assistance to the customer.

The technicians which are part of the network or which are collaborating with the Kimia centers have the possibility to take advantage of interesting perspectives of professional growth.

Indeed, Kimia takes care of the **technical and applicative training** of the operators with which it collaborates, in order to create a staff of experts, qualified in the diagnosis of the building deterioration and in the choice of the best products to solve it.



THE INTERNATIONAL CERTIFICATION NETWORK

# CERTIFICATE

IQNet and its partner  
CISQ/CERTIQUALITY S.r.l.  
hereby certify that the organization  
**KIMIA SPA**

I - 06134 PERUGIA (PG) PONTE FELCINO - VIA DEL RAME 73

has implemented and maintains a  
**Quality Management System**  
which fulfils the requirements of the following standard

**ISO 9001:2008** Code EA 16

for the following activities  
Research and development, production and sale of  
prepackaged non-shrinking lime paste and synthetic resins for building recovery.

In the following operative units

I - 06077 PONTE FELCINO (PG) - VIA DEL RAME 73

I - 06029 PERUGIA (PG) VALFABRICA - Z.I. LE FORNACE

Issued on: 2010-05-16

Certified since: 1995-12-15

Expire on: 2012-02-09

Registration Number: IT-6343



# Our values

## Assistance

The customer is always our focus. Kimia technical staff, constantly kept up to date on new technologies and capillary widespread on the territory is able to always give the best possible solution to each problem, for any kind of recovery intervention, both during the design and the application phase.

## Research

Kimia believes in research as a promoter of innovation and of competitive advantage. The investment of a big part of the annual turnover in R&D and the constant collaboration with important Universities and research institutes are fundamental prerequisites to maintain the current position of technological leader.

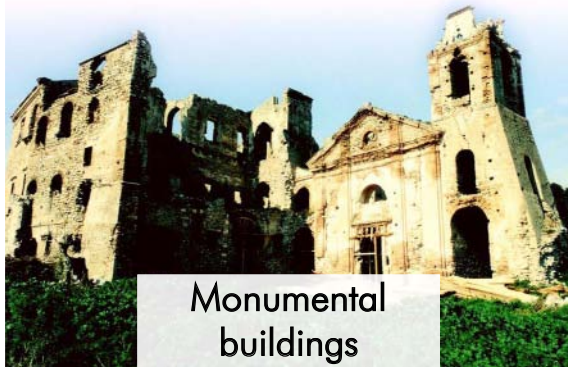
## Experience

More than 30 years of applications and successful references certify the reliability and durability of Kimia solutions. Neither the flow of time, nor natural events have ever undermined what was recovered with our materials. Just few companies can boast these results.

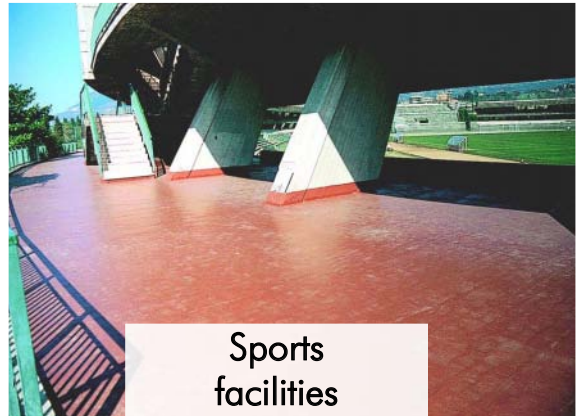
## Quality

Kimia history is a history of quality. We are among the first Italian companies which obtained the ISO 9001 certificate (currently compliant to the 2008 Vision) and still Quality is part of our philosophy, driving our choices, directing our human resources and guaranteeing our products.

# *Fields of intervention*



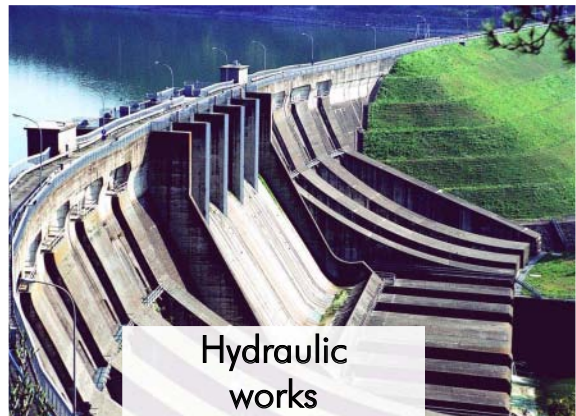
Monumental buildings



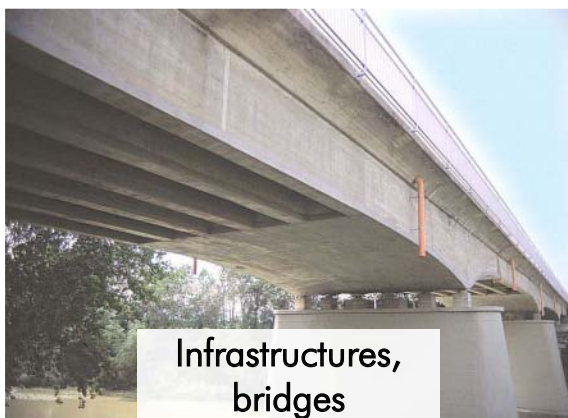
Sports facilities



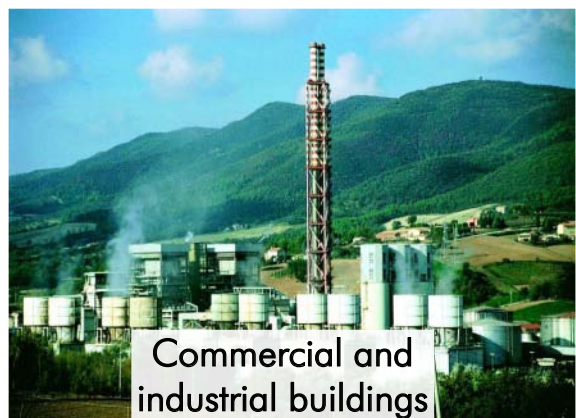
Residential building



Hydraulic works



Infrastructures, bridges



Commercial and industrial buildings

# *Products guide*

*according to the  
kind of intervention*

### STRUCTURAL INTERVENTIONS WITH LIME BASED PRODUCTS

<b>Injections</b>	Limepor IZ 8; Limepor 100
<b>Break-fill</b>	Limepor NHL; Limepor NHL/Z Limepor LGS; Limepor MT; Limepor MT/F; Tectoria PMP
<b>Structural screed</b>	Tectoria M15



### RECOVERY AND PROTECTION OF THE REINFORCED CONCRETE

<b>Repair</b>	Betonfix KIMIFER; Betonfix 200 + inerti; Betonfix CR; Betonfix FB; Betonfix RCA; Betonfix MONOLITE (versione N o R); Betonfix TX; Betonfix TX GG
<b>Levelling</b>	Betonfix RR; Betonfix RS; Betonfix R30; Betonfix R52
<b>Protection</b>	Betonfix GS5; Betonfix GS UNO; Kimitech K40; Kimicover 301; Kimicover BLINDO



### STRUCTURAL INTERVENTIONS WITH RESINS, TISSUES AND PULTRUDED

<b>FRP</b>	Kimitech EP-TX o TX311 + Kimitech PLATE o Kimitech CB o Kimitech VR + Kimitech EP-IN o EP-IN/50; Kimitech FIOCCO (CB o VR); Kimitech FRP-LOCK
<b>FRCM</b>	Betonfix AQM GG + Kimitech 550; Kimisteel LM+ Kimitech ST160R
<b>SRG SRP</b>	Kimitech EP-TX o Kimisteel LM armato con Kimisteel INOX
<b>Coll. castings</b>	Kimitech TONDO (CB o VR); Kimitech EP-IN + Kimifill





**ANCHORING,  
INJECTIONS AND STRUCTURAL TYING**

<b>Anchoring of reinforcements</b>	Betonfix 200; Kimitech EP-IN; Kimitech F3; Kimitech TONDO C; Kimitech TONDO V
<b>Structural connestions</b>	Kimitech EP-TX; Kimitech TX311
<b>Precision groutings</b>	Betonfix AL
<b>Micropiles and structural tying</b>	Betonfix PL



**ASBESTOS  
REMEDIATION**

<b>Incapsulation without removal</b>	Kimicover FIX + Kimicover BLINDO
<b>Incapsulation with removal</b>	Kimicover K80



**THERMAL  
INSULATION**

<b>Layers of thermo-acoustic relief and thermal screeds occasionally walkable /under roof</b>	Limepor TERMOFIX
<b>Thermal plasters</b>	Tectoria TH1
<b>External (ETICS) insulation</b>	Betonfix RS (Kibitherm); Betonfix R30; Betonfix R52



### DEHUMIDIFICATION INTERVENTIONS

Solutions to block capillary rise	Kimicover IN
Solutions to drain humidity	Limepor MONO; Limepor RZ + Tectoria DF



### WATERPROOFING WORKS

Swimm. pools, tanks, undergr. structures	Kimitech ECF & Kimitech 350 + Transparent finishing; Betonfix 300 & Kimitech 350 + tiling. Betonfix WW; Betonfix 300 & Kimitech 350 + Kimitech K40.
Balconies, terraces & roofs	Betonfix GS UNO o GS5 & Kimitech 350 + tiling; Kimicover GUAINA & Kimitech TNT + Kimicover GRIP + Kimifloor ECO-FINITURA PLUS (options: with Kimicover BLINDO or tiling); Kimicover 501 o 115 & Kimitech TNT



### SCREEDS MAKING

Manutenction	Kimitech EP-IN + Kimifill HM; Eihaf foam; Tecnoseal (130 e 88); Betonfix RA
Realization	Betonfix MC; Betonifix PRONTO; Limepor NHL/Z; Limepor LGS
Tiling	Aderflex; Aderflex DK; Aderflex KR; Aderflex RP



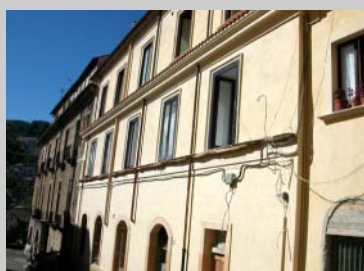
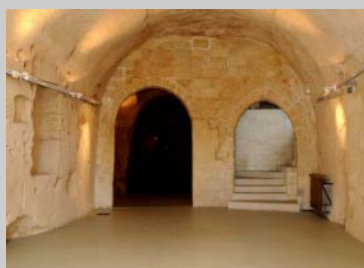
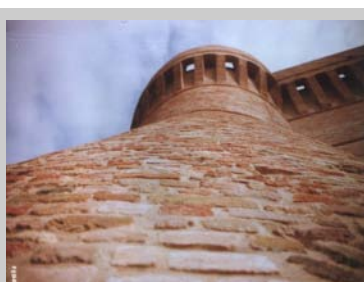
### RESIN FLOORINGS AND COATINGS

<b>High thickness coatings</b>	Kimifloor ECO-BASE; Kimitech ECA; Kimitech ECF; Kimitech EP-IN charged; Kimitech HLA charged
<b>Paintings</b>	Kimifloor ECO-FINITURA; Kimifloor ECO-FINITURA PLUS; Kimifloor VETRO; Kimicover 301; Kimicover BLINDO; Kimitech HLA; Kimitech K40



### POINTINGS PLASTERS AND LEVELLING WORKS

<b>Gluing</b>	Limepor IZ 4
<b>Pointing works &amp; traditional plasters</b>	Limepor NHL; Limepor NHL/Z; Limepor LGS; Limepor MT; Tectoria PMP
<b>Thermal plasters</b>	Tectoria TH1
<b>Dehumidifying plasters</b>	Limepor MONO; Limepor RZ + Tectoria DF
<b>Levelling works</b>	Limepor EDO; Limepor FN; Limepor SK; Tectoria TFT



### SURFACE TREATMENTS OF STONE MATERIALS

<b>Cleaning</b>	Kimistone BIOCIDA; Kimistone C902; Kimistone C905; Kimistone C957; Kimistone C10.10
<b>Consolidation</b>	Kimistone KSF; Kimistone K 55 Kimistone K 10
<b>Protection</b>	Kimistone ANTISMOG; Kimistone IBASIL; Kimistone IDROREP
<b>Anti-graffiti</b>	Kimistone GRAFIXMOOVE; Kimistone DEFENDER





# *Products guide*

*according to the  
kind of goods*

Kimia proposes products able to satisfy all kind of recovery needs, from structural to finishing works, typical of diverse intervention sectors:

- Cement mortars (Betonfix range)
- Lime based products (Limepor and Tectoria ranges);
- Reinforces with steel composites (Kimisteel range) or with resins, tissues and pultruded products (Kimitech range);
- Resins for waterproofing, encapsulation, floorings and coatings (Kimitech and Kimicover ranges);
- Tile adhesives (Aderflex range)
- Solution for ETICS external thermal insulation (Kibitherm);
- Products for cleaning, consolidation and protection of stone materials (Kimistone range);
- Products completing the range.

# BETONFIX®

## Pourable grouts, binders, mortars and cement grouts

Kimia has been manufacturing and trading the Betonfix range since 1979: a complete range of solutions for both structural and non-structural applications and it is constantly updated to face with the more recent performance and normative requirements, demanded by the market (such as the CE mark).

Pourable grouts	Betonfix CR
Grouts	Betonfix 200; Betonfix PL
Cement binders	Betonfix MC
Mortars for steel rebars treatment	Betonfix KIMIFER
Thixotropic mortars for concrete repair	Betonfix FB; Betonfix RCA; Betonfix TX; Betonfix TX GG
Waterproofing mortars	Betonfix 300; Betonfix GS UNO; Betonfix GS5; Betonfix WW
Fixing and anchoring mortars	Betonfix AL
Screeds levelling	Betonfix RA
Mortars for levelling, reinforced levelling, ETICS	Betonfix AQM GG; Betonfix R30; Betonfix R52; Betonfix RR; Betonfix RS

# LIMEPOR®

## NHL pozzolanic lime based grouts, binders and mortars

Limepor range, specific for monumental restoration, raises from the rediscovery of the ancient composition of historic binders, reformulated to answer to the current design needs for recovery and preservation of monumental heritage.

Binders	Limepor LGS; Limepor NHL; Limepor NHL/Z
Dehumidifying mortars	Limepor MONO; Limepor RZ
Mortars for masonry works	Limepor MT/F; Limepor MT
Levelling mortars	Limepor EDO; Limepor FN; Limepor SK
Thermal mortars	Limepor TERMOFIX
Injection Products	Limepor 100; Limepor IZ4; Limepor IZ8



## NHL lime based mortars for green building

The lime based products of Tectoria range find its use in the historic-monumental restoration sector and in Green Building. They are characterized by the absence of radioactive emissions like radon gas and gamma radiations.

Dehumidifying mortars	Tectoria DF
Mortars for masonry works	Tectoria M15; Tectoria PMP
Levelling mortars	Tectoria TFT
Thermal mortars	Tectoria TH1



## Cleaning, consolidating and protective products for stones

Kimistone is the range of Kimia products specifically dedicated for cleaning, consolidation and protection of stone materials.

Consolidating products	Kimistone K10; Kimistone K55; Kimistone KSF
Protective products	Kimistone ANTISMOG; Kimistone IBASIL; Kimistone IDROREP
Cleaning products	Kimistone BIOCIDA; Kimistone C 902; Kimistone C 905; Kimistone C 957; Kimistone C10.10
Anti-graffiti treatments	Kimistone DEFENDER; Kimistone GRAFIXMOOVE



## Steel fabrics and inorganic matrixes

The innovative Kimisteel composite systems are based on the use of steel fabrics and various types of matrix. They guarantee transpirability and hygrometric compatibility with the support, resistance to high temperatures. Kimisteel systems are easily anchorable and pretensionable, so to have an "active" structural protection, since their application.

Mortars	Kimisteel LM
Tissues	Kimisteel INOX



#### Pultruded and reinforcement tissues

Kimia since the early '80s proposes reinforcement meshes for non structural interventions (levelling, waterproofing) among its Kimitech range, pultruded for reinforced cladding and structural grouting, FRP structural consolidation systems (fibres of various nature + resins). Our systems are certified and their durability was tested by different University Institutes and they faced even harder tests: the several seismic events to which the structures we had consolidated still remain.

<b>Non structural fabrics</b>	Kimifloor NET; Kimitech 120; Kimitech 350; Kimitech 500; Kimitech 550; Kimitech S100; Kimitech TNT
<b>Pultruded</b>	Kimitech PLATE; Kimitech TONDO CB e VR
<b>Structural fabrics</b>	Kimitech VR; Kimitech CB
<b>Anchoring systems</b>	Kimitech FRP-LOCK; Kimitech FIOCCO CB e VR

#### Resins for structural uses

Kimitech range includes, among other products, cartridge resins for the anchoring of metallic and pultruded reinforcements; fluid epoxy products for the filling of cracks in reinforced concrete structures; grouting on compact supports, fabrics impregnation; thixotropic adhesives, beton-plaqué and laying of reinforcement fabrics; products for castings recovery.

<b>In cartridge</b>	Kimitech F3
<b>Thixotropic</b>	Kimitech EP-TX; Kimitech TX311
<b>Semi-fluid</b>	Kimitech CMP
<b>Fluid</b>	Kimitech EP-IN



#### Decorative resins

The acrylic and polyurethane Kimifloor solutions oriented to ecology and environmental sustainability and respect for workers' health, allow the creation of solutions of high decorative value in the commercial and residential sectors.

<b>Floorings and coatings</b>	Kimifloor RAINBOW; Kimifloor ECO-BASE; Kimifloor ECO-FINITURA ed ECO-FINITURA PLUS; Kimifloor VETRO.
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#### Resins for non structural uses

Kimicover range gathers a wide range of resins of different nature (epoxy, acrylic and polyurethane, both solvent or water based, one or two components, coloured or transparent) applicable to make resin floorings and coatings, protective treatments, encapsulations, covers waterproofing. Kimitech range includes, among others, epoxy and epoxy-cementitious products for resin floorings and coatings applicable also in the industrial sector.

<b>Consolidating and impregnating products</b>	Kimicover FIX; Kimicover FIX MV; Kimitech ACR; Kimitech K60
<b>Plasticizer and adhesiviser</b>	Kimitech B2; Kimitech ELASTOFIX; Kimitech EP-RG
<b>Hydrophobizer</b>	Kimicover IN
<b>Waterproofing and encapsulation</b>	Kimicover K80; Kimicover GUAINA; Kimicover GRIP; Kimicover 115; Kimicover 501; Kimicover LASTIC
<b>Floorings and coatings</b>	Kimitech HLA; Kimitech ECA; Kimitech ECF; Kimitech K40; Kimicover 301; Kimicover BLINDO



#### Tile adhesives and joints mortars





Aderflex is the range of Kimia tile adhesives CE marked according to UNI EN 12004. To complete the range of tiling products, Kimia offers Fugaflex mortars for tiles joints, available in multiple color options.







<b>Tile adhesives</b>	Aderflex DK (EX Durakol); Aderflex; Aderflex KR; Aderflex RP.
<b>Fuganti</b>	Fugaflex 04 EVO; Fugaflex 15 EVO

# Kimia

## Additional products

Additives, fibres, inert, dry-mix for three-component products, self-adhesive elastic straps, cartridges and leveling resins for sealing and waterproofing of joints, solvents and acids, equipment (shoes, rollers, spray guns etc etc): Kimia provides all the materials needed for interventions (structural or otherwise) that can be made with its products.

<b>Additives, fibres aggregates Dry-mix</b>	Fluimax 2HS Idromix Kimifill	
<b>Products for joints</b>	Ethafoam; Kimicover JOINT Tecnoseal 130; Tecnoseal 88 Tecnoseal ACR	
<b>Solvents and solutions</b>	Soluzione P Soluzione RUGGINE Solvente EPOX	
<b>Equipment</b>	Pistola per Kimitech F3	
	Pistola MM/TL For the application of cartridge and sacs sealants	
	Scarpa chiodata For the application of self levelling mortars or resins	
	Rullo di lana For the application of resins or cement products Solvent resistant	

<b>Equipment</b>	Rullo frangibolle For the application of self levelling mortars or resins	
	Rullo mohair For the application of resins or cement products, when a better finishing is required	
	Iniettori Kimicover IN Containers used to inject Kimicover IN.	
	Pistola per Kimitech F3	
	Beccucci miscelatori per Kimitech F3	
	Rullo per composito Metallic roll for the application of fibres	



# *Product Sheets*

In alphabetical order

Essential information (description, uses, consumption, packages) for each Kimia product is reported in the next pages.

The synthetic descriptions cannot substitute in any case the Technical Datasheets of the products.

To ease the retrieval of the official technical documentation, each synthetic product sheet is accompanied by a QR-code through which (using a smart-phone or a web-cam) it is possible to download the up-to-date version of the corresponding Technical Datasheet.



**Aderflex**

**Description**

Aderflex is a powder cement adhesive for ceramic tiles, white or grey, CE marked as C2TE (improved cement adhesive, with prolonged open time and null vertical sliding according to UNI EN 12004), without chlorides, iron particles and other harmful materials.

**Uses**

Aderflex is used to glue ceramic tiles on marble, terracotta, porcelain grès, and clinker on supports such as cement plasters and screeds both inside and outside, gypsum and scagliola plasters, thermal screeds.

Not to be used on iron structures, bituminous membranes or on floorings which are subject to chemical aggressions.

Use Aderflex KR or Aderflex RP for applications on old enamelled or wood floorings, on reinforced concrete structures, in case of external laying

**Consumption**

3-6 Kg/m<sup>3</sup>

**Packages**

25 Kg bags.  
Pallet 60x25 - 1.500 Kg



**Aderflex DK**

**Description**

Aderflex DK is a powder adhesive for ceramic tiles. It is available in grey or white colour version.

Aderflex DK is based on hydraulic binders combined with selected inert materials of suitable granulometry and specific additives, without chlorides, ferrous particles or other materials which could be toxic for users nor damage the equipment with which it comes in contact.

It is CE-marked as C1E adhesive according to EN 12004 (cement adhesive with extended open time).

**Uses**

It is used for the bonding of tiles in marble, terracotta, stoneware, clinker, porcellain stoneware on supports such as plasters and cement screeds after the application of Kimitech ACR. Not to be used on ferrous structures, previously glazed flooring, bituminous products or flooring subject to chemical attack.

**Consumption**

3-6 Kg/m<sup>2</sup>

**Packages**

Bag 25 Kg  
Pallet 60x25 - 1.500 Kg



**Aderflex KR**

**Description**

Aderflex is a powder cement adhesive for ceramic tiles, white or grey, CE marked as C2TE-S1 (improved adhesion cement adhesive, with prolonged open time and null vertical sliding according to UNI EN 12004), without chlorides, iron particles or other harmful materials for the applicator and for the equipment used to lay it.

**Uses**

Aderflex KR is used to secure non-absorbent ceramic tiles, porcelain grès, clinker, single-fired and double-fired tiles, marble and terracotta to supports like plasters and screeds in internal and external applications, as well as to gypsum and scagliola plasters, heated subfloors.

Not to be used on iron structures, bituminous membranes or floors subjected to chemical aggression: In those cases please consult with our technical office.

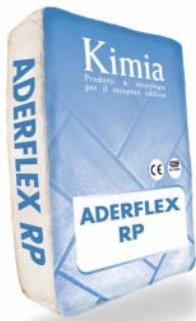
**Consumption**

3-6 Kg/m<sup>2</sup>

**Packages**

Bags in 25 Kg  
Pallet 60x25 - 1.500 Kg





**Aderflex RP**

**Description**

Aderflex RP is a powder adhesive for ceramic tiles, grey coloured, CE-marked as C2FE, improved adhesion, rapid setting, cement-based tile adhesive (walkable and groutable after 3 hours, with a temperature of 20°C), without chlorides, iron particles or other harmful materials for the applicator and for the equipment used to lay it.

**Uses**

Aderflex RP is used as an adhesive to lay all nature of ceramic floor and wall tiles in indoor and external applications. It is used for the gluing to Kimicover or Betonfix resin coatings or to existing floors that have been thoroughly cleaned and degreased.

When gluing to surfaces subject to deformation, mix Aderflex RP with Kimitech ELASTOFIX instead of water.

Do not use on metal structures, bituminous membranes, anhydrite screeds and to glue green marble.

**Consumption**

3-6 Kg/m<sup>2</sup>

**Packages**

25 Kg bags.  
Pallet 60x25 – 1.500 Kg



**Betonfix 200**

**Description**

Betonfix 200 is an expansive hydraulic slurry with high resistance both to short and long curing, compliant to the UNI 8147 standard, extremely fluid, free from chlorides, ferrous particles or corrosive agents which could cause damage to the metal reinforcements and equipment.

**Uses**

Betonfix 200 is used to fill rigid structural joints, for injections into protective pre-stretched cable containment shells, to block tie rods and metal reinforcements (both for brickwork and rockwork), for anchors, to regenerate and consolidate mixed masonry subject to cracking. Adding appropriate inert materials, it is used to prepare concrete castings with volumetric stability, easily pumpable, with excellent mechanical resistance properties both for short and long curing and high resistance to chemical attack from sulphates.

**Consumption**

Slurry 1,6 Kg/dm<sup>3</sup>  
High quality concrete 400-500 Kg/m<sup>3</sup>

**Packages**

20 Kg bags. Pallet 60x20 – 1.200 Kg



**Betonfix 300**

**Description**

Betonfix 300 is a waterproofing osmotic cement mortar, even in thin layers.

It perfectly seals the porosity and the cracks of the substrate.

It is flexible thus allowing to follow little deformations of the structure.

It does not contain chlorides, nor other aggressive agents which could provoke corrosions. It is suitable for the contact with drinking water.

**Uses**

Betonfix 300 is used to waterproof structures with:

Positive water pressure (deformable structure swimming pools to be waterproofed and tiled, tanks, water purifiers installations, reservoirs, flower boxes, canals);

Negative pressure (galleries, lift shafts, underwater rooms).

**Consumption**

1,5 Kg/m<sup>2</sup>/mm

**Packages**

20 Kg bags.  
Pallet 60x20 – 1.200 Kg





**Betonfix AL**

**Description**

Betonfix AL is a self-levelling, non-shrink mortar without segregation or bleeding phenomena, with high mechanical resistance both for short and long curing.

The product has excellent adhesion properties to the substrate, high resistance to sulphates and is free from chlorides or metal particles.

Betonfix AL is compliant to the UNI 8147 standard

**Uses**

Betonfix AL is used to fix chain tighteners on metal structures, to install prefabricated reinforced concrete elements, to anchor machineries and to underpin. In layers that are more than 10 cm thick, mix Betonfix AL with approx. 30% of the washed inert siliceous material with 6-10 mm granulometry and maximum diameter based on the thickness of the casting.

**Consumption**

21 Kg/m<sup>2</sup>/cm

**Packages**

25 Kg bags.  
Pallet 60x25 – 1.500 Kg



**Betonfix AQM GG**

**Description**

Betonfix AQM GG is a fiber reinforced bicomponent mortar with hydraulic binder, selected inert materials with maximum granulometry of 1mm, chemical additives and polymers in aqueous dispersion, which give it excellent characteristics of waterproofing and of adhesion to the support, applicable in thicknesses up to 25mm.

**Uses**

FRCM systems are used according to the instructions of the Italian Civil Defence guidelines of August 2009 for:  
Reinforcements of cracks;  
Perimetral binding of internal partitions to pillars and beams.

**Consumption**

1,85 Kg/m<sup>2</sup>/mm

**Packages**

Component A  
Bag 25 Kg  
Pallet 60x25  
1.500 Kg

Component B

5,5 Kg tanks  
Box with 4 tanks  
528Kg Pallets



**Betonfix CR**

**Description**

Betonfix CR is a ready to-use non-shrink fibre reinforced fine-grain mortar. It has got a pourable consistency. The mortar is enriched with corrosion inhibitors.

It shows high mechanical resistance properties both for short and long curing.

Highly resistant to sulphates, Betonfix CR is CE marked as R4 mortar according to UNI EN 1504-3 ("Structural and non-structural repair")

**Uses**

Betonfix CR is used to create collaborative concrete castings, to fill rigid structural joints with thicknesses of over 5 cm, to recover large missing layers of deteriorated reinforced concrete structures, floorings, ceilings and road and railway beds.

For thicknesses above 10 cm, mix it at 30% in weight with washed aggregates free from impurities with minimum granulometry above 10 mm.

**Consumption**

2000 Kg/m<sup>3</sup>

**Packages**

Bag 25 Kg  
Pallet 60x25 – 1.500 Kg





**Betonfix FB**

**Description**

Betonfix FB is a ready-to-use, non-shrink hydraulic mortar for repair with a thixotropic effect and added synthetic fibres and corrosion inhibitors.

It is CE marked as R4 structural mortar according to UNI EN 1504-3 and compliant to the UNI 8147 norm.

It has high mechanical resistance both for short and long curing, strong adhesion to concrete, high resistance to sulphates and excellent durability properties even in aggressive conditions (marine areas, deicing salts, acid rains). The product does not contain metal particles and is chloride-free.

**Uses**

Betonfix FB is used for structural consolidation and repair of deteriorated reinforced concrete structures. (pillars, beams, cornices, balcony risers, bridges and road and rail viaducts, canals, dams, tunnels) as well as for functional and structural recovery of masonry and vaults.

**Consumption**

18 Kg/m<sup>2</sup>/cm

**Packages**

Bag 25 Kg. Pallet 60X25 – 1.500 Kg



**Betonfix GS UNO**

**Description**

Betonfix GS UNO is a single component waterproofing mortar, elastic and flexible, realized with cements modified with special alkali-resistant polymer aggregates.

Betonfix GS UNO is easily applicable to both horizontal and vertical surfaces, it is characterized by excellent resistance to chemical attack caused by sulfates, deicing salts, acid rain, chlorides.

It meets the requirements specified in the UNI EN 1504/2 and in the EN 14891.

**Uses**

Betonfix GS UNO is used to waterproof bathrooms, showers, small planters, balconies and small terraces.

Betonfix GS UNO is also used to make elastic-protective smoothing works for plasters and concrete structures when micro-cracks caused by shrinkage are present or when the structure may undergo small deformation under load.

**Consumption**

1,1-1,3 Kg/m<sup>2</sup>/mm

**Packages**

Bag 20 Kg. Pallet 60X20 – 1.200 Kg



**Betonfix GS5**

**Description**

Betonfix GS5 is an elastic two-component waterproofing system, easy to apply to both horizontal and vertical surfaces, with excellent chemical resistance to sulphates, antifreeze salts, acid rain and chlorides; the coating is waterproof to positive water pressures.

Betonfix GS5 meets the requirements defined in the UNI EN 1504/2 and in the EN 14891.

**Uses**

When component A is mixed with 33% by weight of component B it is used to level plasters and concrete structures and to waterproof bathrooms, showers, small planters; small balconies and terraces. When component A is mixed with 50% by weight of component B, it is used to waterproof joints and terraces, for which it is necessary to create splitting/expansion joints.

**Consumption**

1,3-1,5 Kg/m<sup>2</sup>/mm

**Packages**

Component A:

Bag 25 Kg – Pallet 60x25 – 1.500 Kg

Component B:

Tap 25 Kg – Pallet 24x25 Kg;

Tap 8,5 Kg – Pallet 60x8,5 Kg





**Betonfix KIMIFER**

**Description**

Betonfix KIMIFER is a single-component realkalizing, anti-corrosive hydraulic mortar for reinforcing bars, it is composed of a synergic system of corrosion inhibitors, CE marked according to the UNI EN 1504-7 as foreseen for the products used for protection against corrosion of the reinforcements.

It is strongly adhesive to concrete and iron surfaces, has high alkaline properties and excellent resistance to water and harmful gases in the atmosphere. The rapid setting of the product reduces times of laying when recovering reinforced concrete structures with visible reinforcements.

**Uses**

Betonfix KIMIFER is used as an anti-corrosive protection for visible reinforcing bars to recover deteriorated reinforced concrete structures together with non-shrink Betonfix mortars

**Consumption**

Iron rods treatment 140 g/ml  
Adhesive bridge 0,4 Kg/m<sup>2</sup>

**Packages**

Tap 5 Kg – Pallet 80x5 – 400 Kg



**Betonfix MC**

**Description**

Betonfix MC is a fibre-reinforced, powdered adhesive, which allows to obtain thixotropic mortars with excellent characteristics of adhesion to the support, waterproofing, durability, even in highly aggressive environments. The internal polypropylene fibre reinforcement considerably improves the flexural and impact strength, increasing the thixotropy of the mortar (which does not drip even in high thicknesses).

Specific additives improve the workability of the fresh mortar. For specific tasks, the product is suitable for a possible addition of lime in the mixture.

**Uses**

When mixed with sand and water, Betonfix MC is suitable for plasters (even reinforced with electrowelded mesh for structural consolidation), screeds with excellent physical and chemical properties, adhesive bridges for screeds and for plasters on reinforced concrete structures, partial repairs of old deteriorated plasters.

**Packages**

Bag 20 Kg  
Pallet 60x20 – 1.200 Kg



**Betonfix MONOLITE N**

**Description**

Betonfix MONOLITE N is a mineral inorganic polymer-based geopolymeric mortar, non-shrink, ready to use, thixotropic supplemented with synthetic fibers, CE marked as R1 according to the UNI EN 1504-3, and meets the essential requirements for structural mortars (R4 on the basis of the UNI EN 1504-3) and for the systems of protection of the reinforcement rods (according to the 1504-7).

It has high mechanical strength for both short and long curing, strong adhesion to concrete, high resistance to sulphates and excellent durability even in aggressive conditions (marine areas, deicing salts, acid rain).

**Uses**

Consolidation, restoration and smoothing of concrete works (columns, beams, eaves, balconies, bridges and road/railway viaducts, canals, dams, tunnels).

**Consumption**

18 Kg/m<sup>2</sup>/cm.

**Packages**

Sac 25 Kg  
Pallet 60x25 – 1.500 Kg





**Betonfix MONOLITE R**

**Description**

Betonfix MONOLITE R is a mineral inorganic polymer-based rapid geopolymeric mortar, non-shrink, ready to use, thixotropic, supplemented with synthetic fibers, CE marked as R1 according to the UNI EN 1504-3, and meets the essential requirements for structural mortars (R4 according to the UNI EN 1504-3) and for the systems for the protection of steel reinforcement rods (according to 1504-7).

It has high mechanical strength for both short and long curing, strong adhesion to concrete, high resistance to sulphates and excellent durability even in aggressive conditions (marine areas, deicing salts, acid rain).

**Uses**

Consolidation, restoration and smoothing of concrete works (columns, beams, eaves, balconies, bridges and road/railway viaducts, canals, dams, tunnels).

**Consumption**

18 Kg/m<sup>2</sup>/cm.

**Packages**

Sac 25 Kg  
Pallet 60x25 – 1.500 Kg



**Betonfix PL**

**Description**

Betonfix PL is a hydraulic ready-to-use mortar with high resistance to sulphates. Betonfix PL reaches a high mechanical resistance for both short and long curing. The product has high fluidity without presenting segregation or bleeding phenomena.

The product does not contain chlorides or other aggressive agents which could cause damage to the metal reinforcements or can be harmful to the user.

**Uses**

Betonfix PL is used for reinforced micro-poles, tie rods, riveted joints with high resistance to chemical attacks from sulphates, chlorides and nitrates. Betonfix PL allows for a rapid stressing of the tie rods (within 2-3 days in case of curing at +20 °C).

The product can be mixed and injected with regular equipment.

**Consumption**

1,5 Kg/dm<sup>3</sup>

**Packages**

Bag 20 Kg  
Pallet 60X20 – 1.200 Kg



**Betonfix R30**

**Description**

Betonfix R30 is a ready to use leveling mortar, grey or white, containing hydraulic binders, selected inert materials with max. granulometry of 0,5 mm and chemical additives, making it highly waterproof, resistant to freeze-thaw cycles and adhesive to the substrate.

Betonfix R30 is easy to apply and smooth even on very thin layers, and the max. total thickness is of 5 mm.

**Uses**

Betonfix R30 is used to level internal or external plasters.

Betonfix R30 is used to bond and level insulation panels; to level plasters and surfaces after hydrosanding to guarantee the surfaces to be clean, consistent, free from paints, traces of form release agents or of substances which may compromise the leveling mortar adhesion to the support

**Consumption**

1,4 Kg/m<sup>3</sup>/mm

**Packages**

Bag 25 Kg  
Pallet 60x25 – 1.500 Kg





*Betonfix R52*

**Description**

Betonfix R52 is a ready to use leveling mortar, white, containing hydraulic binders, selected inert materials with max. granulometry of 0,7mm and chemical additives, making it highly waterproof, resistant to freeze-thaw cycles and adhesive to the substrate.

**Uses**

Betonfix R30 is used to level internal or external plasters.

The mortar is used to bond and level insulation panels; as bottom layer under fine grain finishings in the KIBITHERM certified external thermal insulation system.

To be applied after hydrosanding to guarantee the surfaces to be clean, consistent, free from paints, traces of form release agents or of substances which may compromise the leveling mortar adhesion to the support

**Consumption**

1,4 Kg/m<sup>2</sup>/mm

**Packages**

Bag 25 Kg

Pallet 60x25 – 1.500 Kg



*Betonfix RA*

**Description**

Betonfix RA is a self-levelling finishing mortar, which consists of special hydraulic binders that ensure its fast drying, thus to proceed with the coating's laying.

It has a particular flowingness, which makes it easy to use and once set, it has a perfectly smooth surface with an excellent resistance to compression and to abrasion.

**Uses**

Betonfix RA is used to smooth concrete screeds before laying parquet, vinyl or textile flooring.

With Betonfix RA the laying of the flooring is possible 24 hours after its application.

It is used for horizontal finishing coats with a thickness from 1 to 10 mm, for thicker layers (not more than 2 cm) add approximately 30% of washed sand with granulometric curve from 1 to 3 mm to the mortar.

**Consumption**

1,7 Kg/m<sup>2</sup>/mm

**Packages**

Bag 25 Kg

Pallet 60x25 – 1.500 Kg



*Betonfix RCA*

**Description**

Betonfix RCA is a thixotropic, hydraulic, ready-to-use mortar with compensated shrinkage and synthetic fibres, enriched with corrosion inhibitors. CE marked with R3 structural mortar according to UNI EN 1504-3 and compliant to the norm UNI 8147. It has high mechanical resistances, both to short and long curing, strong adhesion to concrete, high resistance to sulphates and excellent durability even in highly aggressive conditions (sea areas, deicing salts, acid rains). It does not contain metallic particles and it is free from chlorides.

**Uses**

Betonfix RCA is used for the restoration and consolidation of reinforced concrete structures (pillars, beams, cornices, balcony mouldings, bridges, road and rail viaducts, canals, dams, tunnels); for structural and functional restoration of walls and stone or clay brick vaults.

**Consumption**

17 Kg/m<sup>2</sup>/cm

**Packages**

Bag 25 Kg

Pallet 60x25 – 1.500 Kg







**Betonfix RR**

**Description**

Betonfix RR is a thixotropic fiber reinforced rapid mortar (with workability of about 20 minutes at 20°C) for the non structural repair and levelling interventions.

Though being a levelling mortar; Betonfix RR shows particularly high performances, which make it suitable to be used when a non structural filling with a consistent thickness is required to fill localized little gaps before levelling the surface.

Thanks to this peculiarity, the product Betonfix RR really simplifies the interventions (it is not necessary to fill the gaps with a repairing mortar and wait until it is dried to proceed subsequently to the levelling of the surface)

Do not use the mortar for structural continuous cortical repairs with centimetre thickness.

**Consumption**

18 Kg/m<sup>2</sup>/cm

**Packages**

Bag 25 Kg  
Pallet 60x25 – 1.500 Kg



**Betonfix RS**

**Description**

Betonfix RS is a ready to use leveling mortar, grey or white, CE marked as R2 non structural mortar according to the UNI EN 1504-3, containing hydraulic binders, inert materials with max. granulometry of 0,5 mm and chemical additives, making it highly waterproof, resistant to freeze-thaw cycles and adhesive to the substrate. Betonfix RS is applied in a max. total thickness is of 5 mm.

**Uses**

Betonfix RS is used to finish internal and external plasters; to bond and finish insulation panels, also for the KIBITHERM certified external thermal insulation system; to level gravel clumps and porosity of new, repaired and old concrete structures (after hydrosanding to guarantee the surfaces to be clean, consistent, free from paints, traces of form release agents or of substances which may compromise the leveling mortar adhesion to the support

**Consumption**

1,5 Kg/m<sup>2</sup>/mm

**Packages**

Bag 25 Kg  
Pallet 60x25 – 1.500 Kg



**Betonfix TX**

**Description**

Betonfix TX is a thixotropic, hydraulic, ready-to-use mortar with compensated shrinkage and synthetic fibres, enriched with corrosion inhibitors. CE marked as R3 structural mortar according to UNI EN 1504-3.

Betonfix TX provides excellent adhesion to concrete, resistance to sulphates and durability, even in strongly aggressive conditions.

The fine composition of Betonfix TX and its rapid drying properties allow a fast finishing.

**Uses**

Betonfix TX must be used (for patch layers of not more than 3 cm) to restore deteriorated reinforced concrete structures such as balconies, cornices, pillars, beams, roadworks and railways.

**Consumption**

18 Kg/m<sup>2</sup>/cm

**Packages**

Bag 25 Kg  
Pallet 60x25 – 1.500 Kg





**Betonfix TX GG**

**Description**

Betonfix TX GG is a thixotropic, hydraulic, ready-to-use mortar with compensated shrinkage and synthetic fibres, enriched with corrosion inhibitors, compliant to the requirements for R3 structural mortars according to UNI EN 1504-3.

It provides excellent adhesion to concrete, resistance to sulphates and durability.

**Uses**

Betonfix TX GG is used for the restoration of deteriorated reinforced concrete structures such as balconies, cornices, pillars, beams, roadworks, railways and hydraulic works. It is also used for fast restoration of deteriorated concrete parts such as floorings, pipework edges, etc.

Its texture and quick gardening enable easy application, fast finishing and rapid re-use of the structure.

**Consumption**

19 Kg/m<sup>2</sup>/cm

**Packages**

Bag 25 Kg  
Pallet 60x25 – 1.500 Kg



**Betonfix WW**

**Description**

Betonfix WW is a single-component ultra-quick-setting cement powder, ready-to-use and metal-free. The product achieves excellent mechanical resistances, even under water.

**Uses**

Betonfix WW is used to infill water seepage even under pressure, to enable subsequent application of waterproofing treatments.

In case surface runoff is present, carefully clean and enlarge as a dovetail the cracks to be treated, mix the product Betonfix WW and wait until it starts to set (about 2 minutes, depending on the temperature) then press it against the crack or hole, maintaining pressure until it has completely set.

In case of widespread seepage, apply the product as a powder and work it into the affected area, repeating until all leaks have been completely infilled.

**Consumption**

1,6 Kg/dm<sup>3</sup>

**Packages**

Package 5 kg  
Package 25 kg  
Pallet: 20x25 500 Kg



**Ethafoam**

**Description**

Ethafoam is a pre-formed closed cells, expanded polyethylene plastic-cord, to pre-fill joints or cracks subjected to the subsequent sealing with Kimia cartridge or two-component sealants.

**Uses**

Ethafoam is used as pre-filling expansion joints, construction joints, static joints, or for any other crack or crevice to be subsequently filled with Kimia sealants. It can be cut with scissors or common cutting tools and faithfully reproduces the course and the sinuosity of the joints, even with sharp edges and angles.

It hinders the adhesion of the sealant on the bottom of the joint (allowing thus an excellent elastic behaviour) It helps to a longer duration in site of the sealing, due to its resistance (at room temperature, +5°C ~ +25°C) to the majority of the solvents and of the chemical agents.

**Consumption**

1 linear metre for each metre of joint.

**Packages**

Boxes of different length according to the diameter of reference.





**Fluimax 2HS**

**Description**

Super fluidifying additive with a base of multi-purpose synthetic polymers, dark brown coloured liquid, soluble in water, free from chlorides, not harmful to metal reinforcements or equipment. It doesn't modify the setting time of the concrete. It conforms to the norms UNI 8145 and ASTM 494-79 B, D and G.

**Uses**

It transforms a concrete with a damp consistency to a self levelling consistency (slump greater than 20 cm) without having to increase the water/cement ratio, guaranteeing the absence of segregation and bleeding, waterproofing, durability and chemical resistance (to sulphates, seawater, acid rains, thawing salts, etc.), better and omogeneous visible face; (absence of bubbles and superficial cavities) associated to an easier application (reduction of the laying and vibration times).

**Consumption**

0,7-1,5% on cement weight

**Packages**

Tap 25 Kg – Pallet 24x25 – 600 Kg  
Ff 220 Kg  
Tank 1.100 Kg



**Idromix**

**Description**

Idromix is a powdered additive which, when added to mortars and concrete provides a notable water repellent quality in mass against water penetration.

It doesn't alter the beginning and end of the setting time; it is completely free of chlorides and therefore it does not harm reinforcement rods and the equipment it comes into contact with.

**Uses**

It is used as an additive for casting concrete foundation walls, dams, swimming pools, tanks, reservoirs, canals and all structures which must contain or exclude water; as an additive for mortars on walls exposed to beating rain, on structures below round level etc. Idromix is compatible with all Portland, Pozzolanic and blast furnace cements, it is also compatible with all Kimia concrete additives (which must be however added separately to the mix).

**Consumption**

1-2% on cement weight

**Packages**

Bag 10 Kg  
Pallet 60x10 – 600 Kg



**Kimicover 115**

**Description**

Kimicover 115 is a bicomponent polyurethane resin with thixotropic effect for flexible monolithic waterproofing coatings resistant to acid rains and hydrocarbons. The product is supplied in two parts (A+B) of which Part A is over sized to allow an easy mixing with the same container. The product maintains all its characteristics even when in constant contact with slightly aggressive water (pH > 4).

**Uses**

Kimicover 115 is used as finishing of the reinforced waterproofing system Kimicover 501 in already paved terraces with slight slope, and for flat new coverings or for those to restore in order to increase its resistance to hydrocarbons and in hanging gardens. The polyurethane two-component thixotropic resin is also used for the elastic fixing of metal or glassy-resined bars both on wood, concrete and masonry structures.

**Consumption**

0,5 Kg/m<sup>2</sup>/coat

**Packages**

Package 6 Kg  
(A+B)





**Kimicover 301**

**Description**

Kimicover 301 is a bi-component polyurethane aliphatic resin with an excellent resistance to ultraviolet rays, atmospheric agents, chemical aggressions, wear and high temperatures (until 140°C), available in the coloured and transparent version.

The product realizes a continuous, anti-acid, anti-carbonation, anti-dust and anti-wear film coating.

Kimicover 301 is supplied in two pre-dosed packages (A + B), of which the A part is oversized to allow an easier mixing.

**Uses**

Anti-carbonation and anti-corrosive product treatment for reinforced concrete works which are subject to chemical corrosion, protection of metal structures, coloured and/or transparent film treatment of surfaces which are not subjected to rising damp or on supports which serve as vapour barrier.

**Consumption**

0,2 Kg/m<sup>2</sup>/coat

**Packages**

Package 6,5 Kg (A+B)



**Kimicover 501**

**Description**

Kimicover 501 is a single component product in water suspension with an elastometric acrylic base.

It can be applied cold, reinforced with Kimitech 120, to waterproof any type of new covering (after primerization with Kimicover FIX MV) or covering to be restored (tiled or covered with bituminous membranes).

Kimicover 501 creates an elastic, continuous, coloured membrane with excellent resistance to thermal changes, ultraviolet rays and acid rain.

Kimicover 501 adheres to many supports such as concrete, brickwork, fibre cement, roofing felt, wood and plasters.

**Uses**

Kimicover 501 is used to waterproof weight bearing coverings (both new or in need of repair), to waterproof raingutters, under roof tiles, guttering fibre cement coverings and walls exposed to beating rain.

**Consumption**

1,5-3 Kg/m<sup>3</sup>

**Packages**

Package 5 kg – Pallet 80x5 – 400 Kg

Package 25 kg – Pallet 20x25 – 500 Kg



**Kimicover BLINDO**

**Description**

Kimicover BLINDO is an acrylic single component resin specifically used to obtain elastic protective coverings with excellent resistance to wear and atmospheric agents. Once hardened the resin is transformed into a non-slip and non-reflecting surface, specially resistant to atmospheric agents, freezing and thawing cycles, acid rains and thawing salts.

The product, CE marked according to EN 1504-2, is applied for uses principles PI 1.3 (protection against entering through coating) and MC 2.3 (protection from damp through coating).

Furthermore Kimicover BLINDO has been certified for asbestos removal by a laboratory which is authorized to deliver a certificate in compliance with Italian law 27 March 1992 n. 257, DM 6 september 1994, DM 20 August 1999, EU directive.

**Consumption**

1,5-3 Kg/m<sup>3</sup>

**Packages**

Pack 25 Kg – Pallet 20x25 – 500 Kg

Tank 1100 Kg





**Kimicover FIX**

**Description**

Kimicover FIX is a bi-component epoxy resin, meant to consolidate porous and crumbly concrete, lime, chalk and terracotta supports, making the surfaces become compact, anti-dust and ideal for a good anchoring of further coatings. It is water based, odourless, solvent free, ideal for the use in indoor, not very ventilated places also in case of manufacturing of food products.

Kimicover FIX is supplied in 2 pre-dosed packages (A+B).

**Uses**

It is used in the remediation cycle of asbestos-cement structures to prepare the surface for the final treatment with Kimicover BLINDO and for surface consolidation of concrete, stone, chalk, terracotta, porous surfaces and crumbly supports for the subsequent application of Betonfix mortars and Kimicover or Kimitech resins.

**Consumption**

0,2 Kg/m<sup>2</sup> (concrete or wood supports); 0,3 Kg/m<sup>2</sup> (masonry); 0,5 Kg/m<sup>2</sup> (cane and chalk).

**Packages**

Pack 6 Kg and 18 Kg (A+B)



**Kimicover FIX MV**

**Description**

Kimicover FIX MV is a bi-component medium viscosity epoxy resin, developed for the preparation of supports to be waterproofed with Kimicover resins or Betonfix range mortars. It is delivered in two pre-dosed bins (A+B).

**Uses**

Kimicover FIX MV is used to:

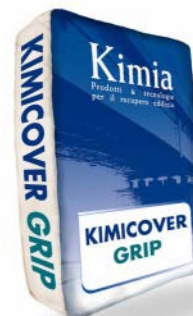
Treat new screeds to be realized (which may have a highly alkaline pH at the moment of laying the waterproofing system, above all if with rapid curing);  
Treat screeds made on underlying bituminous waterproofing membranes, since they do not allow either a correct drying of the casting in all its thickness or a rapid drainage of rainwater.

**Consumption**

0,2 Kg/m<sup>3</sup>

**Packages**

Pack 6 Kg (A+B)



**Kimicover GRIP**

**Description**

Kimicover GRIP is a monocomponent, elastic and flexible texture, based on modified cements with special alkali-resistant polymers to be used in decorative cycles with Kimicover GUAINA.

**Uses**

Kimicover GRIP is used for:

Smoothing of regularization before laying the Kimicover GUAINA system;

Complete the decorative cycle realizable with Kimicover GUAINA, having a dual function:  
decorative → it can be pigmented in the worksite;  
technical → guarantees appropriate non-slippery effect, resistance to pedestrian traffic etc etc

**Consumption**

1,2-1,4 Kg/m<sup>2</sup> per millimeter of thickness depending on the chosen mixing ratio.

**Packages**

Multilayer polythene sack of 12 Kg





**Kimicover GUAINA**

**Description**

Betonfix GUAINA is a super-elastic two-component cementitious waterproofing system, with excellent resistance to chemical attacks by sulfates, deicing salts, acid rain, chlorides and it is waterproofing.

It can also be applied at low temperatures with wet conditions.

Easy to prepare and to apply, it produces a compact film with excellent adhesion to the substrate.

**Uses**

Kimicover GUAINA is used both for under-tile waterproofing and for decorative waterproofing with non-slippery surface textures and specific for pedestrian traffic (it will be necessary in any case to avoid crawling heavy objects, tables, planters. If it is necessary to move, do it lifting them from the ground).

However, it is possible to intervene at any time to "refresh" the surface, after sanding and new application of coloured and / or transparent finishing.

**Consumption**  
2-2,5 Kg/m<sup>2</sup>



**Kimicover IN**

**Description**

Kimicover IN is a synthetic resins based, ready-to-use, monocomponent formula, able to react with carbon dioxide and to create a reticulation inside a masonry, even when there is considerable humidity.

Kimicover IN is solvent free, atoxic, non flammable, colourless and odourless.

Thanks to low viscosity and low specific weight, the product easily penetrates inside the masonry capillaries, making the treated areas water-repellent.

**Uses**

Kimicover IN is used to realize a continuous chemical barrier, both in horizontal and in vertical, inside a masonry (of any kind and thickness) to stop capillary raising damp.

The walls to be plastered should always be further treated with monocomponent or multicomponent dehumidifying mortar.

**Consumption**

0,25 Kg/lm/cm of the masonry thickness.

**Packages**

Bin 5 Kg – Pallet 24 x (4x5) – 480 Kg  
Bin 25 Kg – Pallet 24 x 25 – 600 Kg



**Kimicover JOINT e Kimicover JOINT P**

**Description**

Kimicover JOINT and JOINT P are made of a cold self-adhesive membrane, coupled together on the upper part to an elastic polypropylene reinforcement. The adhesive side of the membrane is protected from an easily removable silicon paper.

**Uses**

Kimicover JOINT is applied by expansion joints and construction joints for all kinds of waterproofing interventions.

Kimicover JOINT P is used as connecting element in water catch basins, in shower plates drainings, in the rain descenders.

Once the membranes Kimicover JOINT and Kimicover JOINT P are placed, put on them the high elasticity polypropylene net Kimitech 120 and saturate it with the chosen product for subsequent waterproofing (resin, osmotic or elastic cement mortar).

**Packages**

Kimicover JOINT  
– 10 m roll  
Boxes with 8 rolls  
Kimicover JOINT P  
– Single panel  
Box with 25 panels





**Kimicover K80**

**Description**

Kimicover K80 is an acrylic resin dispersed in water specific to realize impregnating and strengthening coatings of D type, "auxiliary for the removal" according to the Ministerial Decree 20 August 1999.

The product has a biocide action and it deeply impregnates and consolidates items containing asbestos, as a support during removal and disposing interventions.

**Uses**

Kimicover K80 is used as auxiliary encapsulating coating of D type to stop dispersion in the air of free asbestos fibres during removal.

The product shall be applied spraying it with airless pump. Kimicover K80 hardens quickly leaving a waterproof blue film of remarkable thickness.

The product prevents the detachment of fibres, ensuring the needed safety to workers during all the removal operations.

**Consumption**

180-250 g/m<sup>3</sup>

**Packages**

Bin 25 Kg – Pallet 24 x 25 – 600 Kg  
Tank 1000 Kg



**Kimicover LASTIC**

**Description**

Kimicover LASTIC is a single component product in water dispersion made of elastometric and acrylic base, which can be applied cold, reinforced with Kimitech 120 to realize waterproofings of any kind of covering whether new (after having put Kimicover FIX MV primer on the reinforced concrete) or in need of repair (tiled or with bituminous membrane).

Once hardened Kimicover LASTIC becomes a waterproofing, elastic, coloured, membrane resistant to atmospheric agents and climatic changes.

It adheres to supports like concrete, brickwork, fibre cement, roofing felt, wood and cement plasters.

**Uses**

Waterproofing of weight bearing coverings (whether new and in need of repair), protection of expanded polyurethane and waterproofing of facades exposed to beating rains.

**Consumption**

1,5-3 Kg/m<sup>2</sup>

**Packages**

Pack 5 Kg – Pallet 80x5 – 400 Kg  
Pack 25 Kg – Pallet 20x25 – 500 Kg



**Kimifill**

**Description**

Kimifill line consists of a dry-mix of binders and aggregates of quartz nature, available in several granulometric curves used in combination with resins to create non-slip treatments, wear-resistant industrial floor finishings; with mortars for high resistance plasters and leveling; with high-strength epoxy mortar for structural consolidation; with epoxy-cement tricomponent self-levelling products, applicable by spatula.

**Uses**

Kimifill line products are used for: high-strength epoxy mortar for construction or maintenance of industrial floorings, epoxy mortar for structural consolidation either of masonry through injection or of concrete structures with "beton plaque" technique, precision grouting and anchoring, production of tricomponent thixotropic or self leveling coatings.

**Packages**

Kimifill HM; 01-03; 1F; MP; 3 – 6  
Bag 25 Kg – Pallet 60x25  
Kimifill K9; K14  
Bag 20 Kg – Pallet 60x20  
Kimifill K12  
Bag 12 Kg – Pallet 60x12





### Kimifloor ECO-BASE

#### Description

Kimifloor ECO-BASE is a mixture of polymers in aqueous dispersion, ready to use, without lime, gypsum or cements, as well as without dangerous substances both for men and the environment.

Available in 2 versions:

Light, in white colour, appropriate to obtain (through pigmentation on site or in a paint shop) light colour bases;  
Dark, in off-white colour, used to obtain dark colours.

#### Uses

Kimifloor ECO-BASE is used in flats, shops, showrooms to create resin floorings and coatings with material three-dimensional, sponge, cloud or spatula effects.

The products is customizable:

in terms of thixotropy and texture  
→ adding 20% in weight of appropriate Kimifill aggregates;  
in chromatic terms → pigmenting it with appropriate pastes in paint shops or in the working site.

#### Consumption

1,6 Kg/m<sup>2</sup>/mm

#### Packages

25Kg packages



### Kimifloor ECO-FINITURA

#### Description

Kimifloor ECO-FINITURA is a one component water based polyurethane finishing with high hardness and scratch resistance characteristics, available both in matt (Gloss 20) and satin (Gloss 50) version. It can be pigmented on worksite.

#### Uses

Kimifloor ECO-FINITURA is used as finishing protective layer for decorative resin coatings and floorings.

#### Application

In case of application on existent or new resin coatings (in the latter case, only if intervening after more than 24 hours from their application) it will be necessary to sandpaper the support.

The product can be applied with paintbrush, roll or airless pump on dry, clean and compact supports, without detaching products in general.

#### Consumption

50-100 g/m<sup>2</sup> for each coat.

#### Packages

In 5 and 25 Kg.



### Kimifloor ECO-FINITURA PLUS

#### Description

Kimifloor ECO-FINITURA PLUS is a glossy bi-component polyurethane aliphatic resin in aqueous dispersion with optimal resistance to ultraviolet rays, atmospheric agents, chemical aggressions, wear and high temperatures (until 140°C).

The product becomes a continuous, anti-acid, anti-carbonation, anti-dusting and anti-wear film coating.

#### Advantages

NMP free;

Very low emission of organic volatile substances (VOC);

Resistant to acids and bases (for short and sporadic contacts);

Excellent resistance to abrasion and to traces of tire.

#### Uses

Kimifloor ECO-FINITURA PLUS is employed for the protective finishing of coatings and resin floorings.

#### Consumption

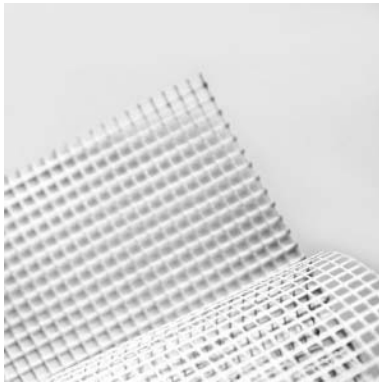
0.100 Kg/m<sup>2</sup> for each coat.

#### Packages

Metal packages of 5 + 1 Kg







### Kimifloor NET

#### Description

Kimifloor NET is a net of fiberglass with anti-alkaline starch from ~ 160 g / sqm.

Thanks to the absence of writing is perfectly "invisible" even when applied in thin decorative cycles with a subtle colour.

#### Uses

Kimifloor NET is used as a reinforcement of the first coat of Kimifloor ECO-BASE in the DESIGN Kimifloor decorative cycles.

#### Application

For each type of work, please refer to the specifications and the technical sheets of the materials to be used in combination with Kimifloor NET.

#### Packages

Roll: Width 100 cm.

Length 50 m.

#### Warning

Product intended for professional use.



### Kimifloor RAINBOW

#### Description

Kimifloor RAINBOW is a range of universal tinting pastes formulated with carefully selected pigments.

#### Advantages

- Ecological (with low COV);
- Excellent wettability;
- Resistant to light, heat cycle, alkalis and acids;
- Resistant to storage.

#### Uses

The Kimifloor RAINBOW pastes are used for color customization of resins both solvent- that aqueous-based (Kimifloor ECO-BASE, Kimifloor ECO-FINISH, Kimicover BLINDO, Kimitech ECF, Kimitech ECA, Kimitech K40, Kimitech HLA, Kimicover 301).

#### Application

The Kimifloor RAINBOW pastes must be:

- Reshuffled firstly (to ensure a final homogeneous and uniform coloration to the resin (which is pigmented with the pastes);
- subsequently added to the product to be pigmented;
- and mixed slowly in order to avoid the formation of air bubbles.



### Kimifloor VETRO

#### Description

Kimifloor VETRO is a fluid epoxy transparent two-component low viscosity resin, characterized by excellent chemical resistance, good water resistance and high resistance to yellowing.

The transparent epoxy Kimifloor VETRO finishing comes in two pre-measured containers (A + B), of which the "A" is over-sized to allow an easy mixing.

#### Uses

Kimifloor VETRO, thanks to its excellent transparency, can be used as a protective finishing coat of resin indoor decorative floorings of the collection Kimifloor ARTE, MATERIA, ecc.

Kimifloor VETRO should always be protected with a final coat of Kimifloor ECO-FINITURA PLUS.

#### Consumption

1,04 Kg/m<sup>2</sup> each mm of thickness

#### Packages

Metal containers of Kg 6 (A+B).  
Metal containers of Kg 18 (A+B).





**Kimisteel INOX**

**Description**

Kimisteel INOX is a family of unidirectional reinforcement meshes produced with stainless steel strands and accessories.

The mesh is particularly resistant to corrosion.

It is suitable to be applied in case of interventions on supports subject to rising damp and, in general, exposed to aggressive environments.

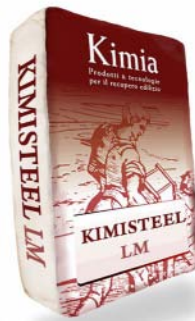
The mesh can be used with organic (Kimitech EP-TX or Kimistell LM mixed with Kimicover FIX) or inorganic matrixes to do structural consolidation works of masonry, reinforced concrete and precompressed reinforced concrete elements.

Kimisteel INOX is used for:

- Masonry structures reinforcements;
- Creating reinforced edge beams;
- Vault consolidation;
- Structural reinforcements for beams and joists;
- Creating prefabricated concrete elements with light reinforcement.

**Packages**

50 m rolls



**Kimisteel LM**

**Description**

Kimisteel LM is a ready-to-use fine granulometry mortar made from selected hydraulic binders, obtained by firing the raw materials at low temperature so as to guarantee their full compatibility with the masonry structures. When mixed with Kimitech B2, it is ideal to be used as a matrix in reinforcement systems applied to structures in which to ensure maximum breathability. When mixed with Kimicover FIX we create a three-component matrix, with high mechanical performance and excellent adhesion to the substrate, to reinforce masonry or concrete structures.

**Uses**

Creating reinforced edge beams; vault consolidation; Reinforcement for beams and joists; Creating prefabricated concrete elements with light reinforcement; Creating reinforced clay bricks; Creating reinforced levellings of masonry and concrete structures with Kimitech meshes.

**Consumption**

1,4 Kg/m<sup>2</sup>/mm

**Packages**

Bag 12 Kg. Pallet 60x12 – 720 Kg



**Kimistone ANTISMOG**

**Description**

Eco-friendly, water and oil-repellent protective coating with biocide function. It consists of acrylic, fluoride copolymers in a water-based solvent and additives that guarantee the wide-ranging, biocide action.

It makes materials impervious to water and oil without forming films or altering the colour of the support, and thanks to the biocidal effect, it prevents any subsequent formation of mould and/or lichen on the surface of the support it is applied to.

The formulation of Kimistone ANTISMOG gives the product the extreme stability required to withstand temperature change and the oxidative effect of UV rays.

**Uses**

Kimistone ANTISMOG is also suitable to minimize the carbonation effect on concrete.

**Consumption**

0,1-0,6 l/m<sup>2</sup>

**Packages**

Can 5 lt; Box 4x5 lt; Pallet 24 Boxes – 480 lt  
Can 25 lt  
Pallet 24x25 lt – 600 lt





**Kimistone BIOCIDA**

**Description**

Kimistone BIOCIDA is a biocide suitable for wide-ranging use, it is non film-forming on the surface, it doesn't alter the original colour of the support, used to remove algae, lichen, mould, yeast, moss, some higher plants, fungi, able to cause permanent physical and chromatic changes (aspergillus niger, aëureobasidium pullulans, candida albicans, chaetomium globosum, fusarium oxysporum, penicillium funiculosum, saccaromyces cerevisiae) and bacteria (used in internal places it hinders the proliferation of many bacteria species among which, as an example, we may quote: chromobacter parvulus, alcaligenes faecalis, bacillus cereus, escherichia coli, flavobacterum suaveolens).

**Uses**

Suitable for natural stone, marble and granite, sandstone and soft limestone, tuff and compact limestone, bricks and fake stones, wood.

**Consumption**

0,1-0,4 l/m<sup>2</sup>

**Packages**

Can 5 Lt Box 4x5 Lt Pallet 24 Boxes  
Can 25 Lt; Pallet 24x25 Lt – 600 Lt



**Kimistone C10.10**

**Description**

Kimistone C10.10 is a powerful, alkaline cleaner for compact carbonate stone, to remove the superface patina caused by pollution on carbonate matrix materials. It effectively removes grease and oily substances, it is also effective on extremely porous surfaces, such as cellular, vuggy stones and "unfilled" travertine (in such cases neutralize the pH with very diluted Kimistone C905).

**Uses**

Suitable for cleaning compact, carbonate materials, travertine, Istria marble, Trani marble, Pietra di Finale (marble), and Pietra Paesina (Rouin marble).

Do not use on silicate or lead-polished stones.

It attacks aluminium and makes paints in general matt. According to the level of dirt, it may be applied as it is or diluted.

**Consumption**

0,1-0,3 l/m<sup>2</sup>

**Packages**

Can 5 Lt – Box 4x5 Lt  
Pallet 24 Boxes – 480 Lt  
Can 25 Lt  
Pallet 24x25 Lt – 600 Lt



**Kimistone C 902**

**Description**

Powerful, acid-based cleaner for natural and/or artificial silicate stones.

The product can be used to solubilise the inorganic part of atmospheric dirt making it possible to remove the signs of smog, soot, guano, and hard water percolation. It has a high cleaning power and it doesn't alter the original colour of the support after application.

**Uses**

Suitable to clean compact sandstone, beole, basalt, ceppo (log), porphyry, ghiandone (granite), serizzo (gneiss/beole), tuff, brick, porcelain grès, clinker, concrete. It is not recommended for lead-polished, varnished or vitrified surfaces or on supports in general which can't stand acids (such as carbonate stones).It corrodes glass. According to the level of dirt, it may be applied as it is or diluted (maximum dilution ratio: 1 part of product and 4 parts of water).

**Consumption**

0,1-0,3 l/m<sup>2</sup>

**Packages**

Can 5 Lt – Box 4x5 Lt  
Pallet 24 Boxes – 480 Lt  
Can 25 Lt – Pallet 24x25 Lt – 600 Lt





**Kimistone C 905**

**Description**

Cleaner for delicate natural and/or imitation stone.

The product can be used to solubilise the inorganic and organic part of the atmospheric dirt. It removes strains of rust and of hard water.

It has a high cleaning power and it doesn't alter the original colour of the support after application.

**Uses**

Suitable to clean delicate natural stone such as gneiss, peperino, trachyte, tuff, sandstone, porphyry, granite, breccias (brech). It is also suitable for cleaning imitation stone such as brick and concrete. Not recommended for vitrified surfaces. It is not recommended for lead-polished, varnished or vitrified surfaces.

According to the level of dirt, it may be applied as it is or diluted (maximum dilution ratio: 1 part of product and 4 parts of water).

**Consumption**

0,1-0,3 l/m<sup>2</sup>

**Packages**

Can 5 lt – Box 4x5 lt  
Pallet 24 Boxes – 480 lt  
Can 25 lt – Pallet 24x25 lt – 600 lt



**Kimistone C 957**

**Description**

Delicate ammonium bicarbonate-based cleaner for painted surfaces, made according to the Institute for Conservation and Restoration rules.

The product (created from a specific recipe used for the cleaning of stone monuments) slowly solubilises coherent atmospheric dirt and, thanks to the alkalis effect, it softens black crusts, promoting their removal. The particular formula allows to form chemical complexes with the calcium contained in the black crusts, solubilising it. The product does not alter the original patina of the stone.

**Uses**

It is suitable for delicate carbonate-based stone materials and/or silicate-matrix stone, such as: marble statues, veined marble, soft limestone, and fine granite.

It can also be applied to imitation stone and plaster.

**Consumption**

0,2-0,4 l/m<sup>2</sup>

**Packages**

Can 5 lt – Box 4x5 lt  
Pallet 24 Boxes – 480 lt  
Can 25 lt – Pallet 24x25 lt – 600 lt



**Kimistone DEFENDER**

**Description**

Protective, water-based, anti-graffiti coating. It consists of a selected mixture of organic silicon compounds and microcrystalline waxes in a water solution. Protects stone materials and structures from the spray paint used in graffiti, preventing it from penetrating deeply into the material, so that Graffiti can be easily removed with a warm water/steam jet washer (max. +80- 90 °C). It is solvent free, it doesn't form films on the surface, it doesn't alter the original colour of the support, it withstands UV rays, it is breathable, neutral, water-repellent.

**Uses**

Suitable for use on delicate stone materials such as: natural stone, marble, travertine, granite, soft limestone, compact limestone, and sandstone. Also suitable to protect brick, concrete, porcelain grès, clinker, plaster.

**Consumption**

0,1-0,3 l/m<sup>2</sup>

**Packages**

Can 5 lt – Box 4x5 lt  
Pallet 24 Boxes – 480 lt  
Can 25 lt – Pallet 24x25 lt – 600 lt





### Kimistone GRAFIX MOOVE

#### Description

Graffiti-removing cleaner. The product solubilises stains made by spray paint, in and marker pens without altering the surface of the stone or the underlying stone structure. The product also removes glue left behind by adhesive tape and cleans graffiti from glass and steel panels. It is characterized by being biodegradable (for 90%) and by having a neutral formula.

#### Uses

Ideal for removing graffiti from delicate stone materials, brick, fine marble, natural stone, lead-polished stone, imitation stone, concrete, metal and glass.

In case of more coats of graffiti, old and deeply penetrated in the stone, as soon as the diluted paints strain, remove them with blotting paper and add new product on the remaining paints.

Wash with water in pressure, only at the end of the application.

#### Consumption

0,1-0,3 l/m<sup>2</sup>

#### Packages

Can 5 Lt – Box 4x5 Lt

Pallet 24 Boxes – 480 Lt

Can 25 Lt – Pallet 24x25 Lt – 600 Lt



### Kimistone IBASIL

#### Description

Protective, water-based hydrophobic product. It protects materials from frost, salt-laden air and condensation. It creates an effective layer of protection, thereby reducing the ability of the external surfaces to trap atmospheric particulate. It does not alter the appearance or permeability of the support on which it is applied, and it is totally reversible, ecologic and free from solvents.

#### Uses

Kimistone IBASIL is ideal for waterproofing natural stone, marble, granite, soft limestone, compact limestone, sandstone, Lecce stone, Carparo stone, concrete.

Overabundances of material on the surface should be removed when the product is still fresh, in order to avoid the creation of brighter areas in the less porous points.

#### Consumption

0,1-0,4 l/m<sup>2</sup>

#### Packages

Can 5 Lt – Box 4x5 Lt

Pallet 24 Boxes – 480 Lt

Can 25 Lt – Pallet 24x25 Lt – 600 Lt



### Kimistone IDROREP

#### Description

Protective, hydrophobic coating in an alcohol solution, reducing the ability to absorb water, rising the resistance to sea environments, to all those deterioration processes speeded up by water. It reduces the possibility for biodeteriogen organisms to root.

it is an extremely effective means of protection against acid rain and other pollutants, and stops porous materials from trapping dirt thereby keeping the surface clean.

The product is breathable and reversible.

#### Uses

It is ideal for waterproofing delicate stone materials (natural stone, marble, granite, soft and compact limestone, sandstone, Lecce stone and Carparo stone) and natural and artificial silicate materials such as: brick, concrete, plaster, roof tiles, terracotta and clay brick, etc...

#### Consumption

0,1-0,8 l/m<sup>2</sup>

#### Packages

Can 5 Lt – Box 4x5 Lt

Pallet 24 Boxes – 480 Lt

Can 25 Lt – Pallet 24x25 Lt – 600 Lt





**Kimistone K10**

**Description**

Kimistone K10 is a protective, consolidating product based on acrylate siloxane copolymers.

It protects materials by limiting water absorption and it also improves surface cohesion of the stone.

The protective function is given by the silicon compounds which significantly alter the angle of contact in the support, giving the stone surfaces a marked degree of water-repellency as a result. The special formulation also provides a little degree of consolidation which can contrast any surface dusting.

**Uses**

Suitable for medium intensity consolidation and to protect the surface of both silicate matrix and carbonate matrix stone materials, such as: sandstone, clay brick, brick, soft or compact limestone, marble, plasters, terracotta.

**Consumption**

0,2-0,8 l/m<sup>2</sup>

**Packages**

Can 5 lt – Box 4x5 lt  
Pallet 24 Boxes – 480 lt  
Can 25 lt – Pallet 24x25 lt – 600 lt



**Kimistone K55**

**Description**

Kimistone K55 is a delicate, protective consolidation product based on silicic acid ethyl esters and silane/siloxane compounds in alcohol solvent. Under regular environmental conditions (+20 °C; 50% RH), the final degree of consolidation is reached after approximately 2 weeks.

Kimistone K55 also performs a protective function through the silane/siloxane compounds which ensure the water-repellency of the surface. Consolidation is given by the ethyl silicates which slowly hydrolyse to form amorphous silica.

**Uses**

Suitable for the consolidation and protection of carbonate-matrix stone materials such as: soft or compact limestone, marble and plasters. The product can also be used with silicate-matrix supports, such as sandstone and brick.

**Consumption**

0,2-0,8 l/m<sup>2</sup>

**Packages**

Can 5 lt – Box 4x5 lt  
Pallet 24 Boxes – 480 lt  
Can 25 lt – Pallet 24x25 lt – 600 lt



**Kimistone KSF**

**Description**

Kimistone KSF is a strong consolidation product based on silicic acid ethyl esters in alcohol solvent. Under standard environmental conditions (+20 °C; 50% RH), the final degree of consolidation is reached after approximately 2 weeks.

Consolidation is given by the ethyl silicates which, in contact with water in a neutral environment, slowly hydrolyse to form amorphous silica, which is ensured by appropriate catalyzers able to determinete the reaction speed.

**Uses**

The product should be applied primarily to silicate-matrix stone materials (Pietra Serena (limestone), Pietra Simona, Pietra Dorata (sandstone), Pietra Piasentina (sandstone), ceppo (log), tuff, gneiss, trachyte, serizzo (gneiss/beole) and on imitation stone materials such as brick, terracotta, lean, fragmenting plasters....

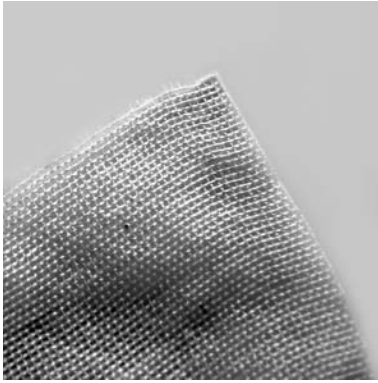
**Consumption**

0,2-0,8 l/m<sup>2</sup>

**Packages**

Can 5 lt – Box 4x5 lt  
Pallet 24 Boxes – 480 lt  
Can 25 lt – Pallet 24x25 lt – 600 lt





**Kimitech 120**

**Description**

Kimitech 120 is a flexible polypropylene reinforcing mesh. It is used with Kimicover resins or Betonfix mortars to create flexible waterproofing systems for balconies, terraces and roofings.

Kimitech 120 has an excellent resistance to deterioration in alkaline environments and resistance to ageing, maintaining its characteristics of mechanical resistance and elasticity in time.

**Uses**

Kimitech 120 is used to waterproof joints and connections in tanks, swimming pools, reservoirs, underwater rooms, when applied on the appropriate flexible self-sticking membrane Kimicover JOINT (in rolls) and Kimicover JOINT P (in panels).

The polypropylene flexible reinforcing mesh Kimitech 120 is used as reinforcement for the waterproofing of damaged façades, flat roofs and/or sloping roofs, terraces and gutters to be made with acrylic resins.

**Packages**

50 m<sup>2</sup> rolls



**Kimitech 350**

**Description**

Kimitech 350 is a glass fibre mesh with anti-alkali finishing of ~160 g/m<sup>2</sup>, characterized by maintaining high resistances even after ageing.

**Uses**

Kimitech 350 is used for different non structural applications, thanks to its excellent performances.

Among which:

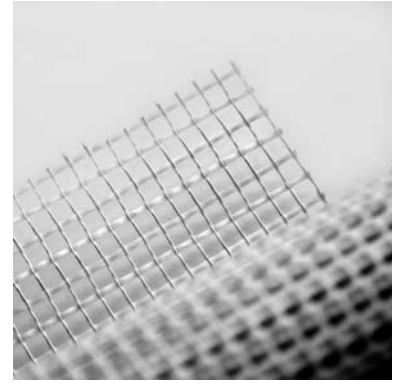
- Final finishing of thermal insulation in external insulation system;
- Reinforcement for Betonfix or Limepor mortars in finishing plasters;
- Reinforcement finishing of thermal plasters;
- Waterproofing with osmotic cement systems (Betonfix 300 mixed with Kimitech ELASTOFIX), flexible one-component cement systems (Betonfix GS UNO), flexible bi-component cement systems (Betonfix GS5) and epoxy-cement (Kimitech ECF, Kimitech ECA).

**Consumption**

1 ml for m<sup>2</sup>

**Packages**

50 m<sup>2</sup> rolls



**Kimitech 500**

**Description**

Kimitech 500 is a glass fibre mesh with anti-alkali finishing with a grammage of ~220 g/m<sup>2</sup>.

Kimitech 500 maintains high resistances even after ageing.

**Uses**

Kimitech 500 is used for several structural and non-structural interventions

Among them we can include:

- Final levelling for thermal insulating elements in ETICS insulation systems;
- Reinforcement of Betonfix or Limepor mortars used in the levelling of plasters and structures;
- Reinforced levelling of thermal plasters;
- Reinforcement of epoxy-cement systems Kimitech ECF and Kimitech ECA, for interventions on existing ceramic floorings, in case we do not want to remove them (after shot peening).

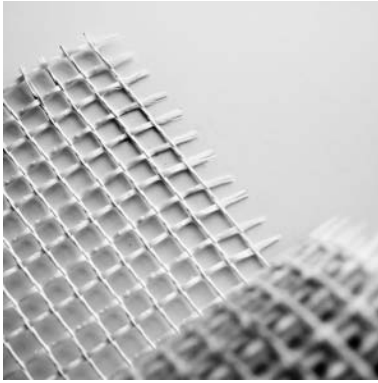
**Consumption**

1 linear m for each m<sup>2</sup>

**Packages**

50 m<sup>2</sup> rolls.





**Kimitech 550**

**Description**

Kimitech 550 is a bidirectional glass fibre reinforcement mesh with anti-alkali finishing.

Kimitech 550 mesh, characterized by a high mechanical tensile strength, is used together with resins of Kimitech range and mortars of Betonfix, Kimisteel, Limepor and Tectoria ranges for FRCC reinforcements and reinforced levelings.

**Uses**

Kimitech 550 is used for FRCC systems, foreseeing the use of the bicomponent cement mortar Betonfix AQM GG, which, according to the indications of the Italian Civil Defence guidelines of August 2009, is foreseen for:

Filling of deep cracks (applied on both sides) and non deep cracks (applied only on one side) of masonry walls;

Perimetral connexion of walls and of internal divisions to pillars and beams of the concrete structure.

**Consumption**

1 linear m for each m<sup>2</sup>

**Packages**

50 m<sup>2</sup> rolls.



**Kimitech ACR**

**Description**

Kimitech ACR is a single-component, deep-penetrating resin formulated to increase the mechanical performance of flaking substrates.

On highly absorbent substrates, or in applications carried out during summer months, it prevents subsequent finishing coats from drying too quickly, guaranteeing optimal hydration and effective adhesion.

Kimitech ACR is a solvent-free resin, 100% non-toxic, ideal even in poorly ventilated indoor environments.

**Uses**

Kimitech ACR is used to ensure an even absorption of existing plaster coats and before laying ceramic tiles or applying acrylic or vinyl coverings (in case of gypsum or scagliola walls, flaking or powdery substrates, extremely absorbent substrates and in high temperature applications).

**Consumption**

0,1-0,3 Kg/m<sup>2</sup>

**Packages**

Bin 5 Kg – Pallet 24 x (4x5) – 480 Kg  
Bin 5 Kg – Pallet 24 x (4x5) – 480 Kg



**Kimitech B2**

**Description**

Kimitech B2 is a synthetic resin used specifically to improve the chemical and physical properties of Limepor, Tectoria, Kimisteel and Betonfix single component mortars.

Completely substituting the mixing water with Kimitech B2 it creates two component mortars with lower elastic modulus and superior adhesion and water-repellence skills.

**Uses**

It is used together with Limepor IZ4, to consolidate plasters/renders, vaults and masonry;

With Kimisteel LM it creates highly breathable inorganic matrixes used in the structural recovery with composite systems.

Mixed with Betonfix, Limepor and Tectoria structural mortars, Kimitech B2 is used to create leveling areas before the subsequent laying of composite systems and to repair lacking parts of natural stone, terracotta, plasters.

**Packages**

Bin 5 Kg – Pallet 24 x (4x5) – 480 Kg  
Bin 25 Kg – Pallet 24 x 25 – 600 Kg







**Kimitech CB**

**Description**

Kimitech CB is a family of carbon fiber reinforcement fabrics of different weight and texture, specific for FRP (Fiber Reinforced Polymer) structural consolidation.

Advantages: high mechanical resistance, lower thickness and weight, speed and ease of installation, even for emergency works, less invasive and good with reversibility, great workability and ductility, excellent resistance to stray currents, to solvents, acids, possibility to finish it with levelling mortars, plasters, paints or anti-fire protections.

**Uses**

Kimitech CB tissues are used for structural consolidations of reinforced concrete, wood and masonry elements. They are particularly suitable to plate inflexed elements, reinforce beams and partition walls, confine pillars and in general to make reinforcement rings on buildings.

**Packages**

50 m<sup>2</sup> rolls.

Unidirectional:

Kimitech CB 320 in 20 and 50 cm;

Kimitech CB 1200 in 10 cm.

Bidirectional:

Kimitech ST 300 in 100 cm.



**Kimitech CMP**

**Description**

Kimitech CMP is a two-component epoxy adhesive with medium viscosity.

The product is solvent-free and has no shrinkage upon curing. Kimitech CMP has excellent adhesion to various substrates such as concrete, steel, brick, wood and natural stone.

**Uses**

Kimitech CMP is used as an adhesive and a water-based primer of the tissues of the Kimitech line for structural reinforcement of vaults, columns, beams, floors, walls.

Do not use to impregnate the fabric Kimitech LP 800 and the tapes Kimitech CB 1200 (in these cases please use Kimitech EP-IN).

**Packages**

Metal containers of 6 kg (A+B).

**Storage**

In sealed containers and in a dry environment, the product is stable for 12 months.



**Kimitech EC**

**Description**

Kimitech EC is a bicomponent epoxy system.

The product is water based, odourless, solvent free, characterized by a good resistance to chemical agents (acid-alkali), no shrinkage at high thicknesses (up to 5 mm) and low viscosity (particularly valuable for applications with airless pump).

**Uses**

Mixed with appropriate dry mix of hydraulic binders, Kimitech EC is used as the epoxy part of epoxy-cement tricomponent systems, both self leveling (Kimitech ECA) and applied with a trowel / airless pump (Kimitech ECF).

The tricomponent systems thus made can be applied on damp supports or without vapour barrier, being a preliminary base (chromatically customizable) for subsequent resin coatings.

**Consumption**

1 package A+B of Kimitech EC each Kimifill K12 or Kimifill K14 bag.

**Packages**

Pack 6 Kg (A+B)





**Kimitech ECA**

**Description**

Kimitech ECA is a self-levelling three component epoxy-cement system build up by the bi-component epoxy resin Kimitech EC (A + B) and a dry mixture of hydraulic binders and additives (Kimifill K14, part C).

It is suitable to be coloured on site.

**Uses**

The epoxy-cement base Kimitech ECA can be applied on damp supports or supports with no vapour barrier, representing a preliminary base, ideal for possible subsequent resin coatings.

Thanks to the possibility to pigment the epoxy-cement base Kimitech ECA directly on site, it is possible to create decorative resin floorings characterized by high mechanical, wear and scratch resistances.

**Consumption**

1,8 Kg/m<sup>2</sup>/mm (A+B+C)

**Packages**

Pack 6 Kg (A+B)  
20 Kg Kimifill K14 (C)



**Kimitech ECF**

**Description**

Three component epoxy-cement system build up by the bicomponent epoxy resin Kimitech EC (part A + part B) and a dry mixture of hydraulic binders and additives (Kimifill K12), applied by spatula, optimized for mechanical application by airless pump.

The product is available in white, beige and blue.

It can be pigmented on site to allow a versatile aesthetic finish (spatula, cloud, etc).

**Uses**

The epoxy-cement base Kimitech ECF can be applied on damp supports or supports with no vapour barrier, representing a preliminary coat, ideal for possible subsequent resin coatings.

Used to waterproof underground walls and to create decorative coatings of swimming pools with rigid structures to be subsequently protected with Kimicover 301 transparent.

**Consumption**

1,8 Kg/m<sup>2</sup>/mm (A+B+C)

**Packages**

Pack 6 Kg (A+B)  
14 Kg Kimifill K12 (C)



**Kimitech ELASTOFIX**

**Description**

Kimitech ELASTOFIX is a synthetic, single component resin, used to make cement-based products more flexible, adhesive and water-repellent, and to increase resistance to frost, to chemical attack, acid rains and atmospheric agents in general.

Kimitech ELASTOFIX is 100% non-toxic and therefore not hazardous for the user, even when used in poorly ventilated indoor environments.

**Uses**

Kimitech ELASTOFIX is used in place of water to mix the following products and increase the relative flexibility and improve chemical and physical properties:

- Ceramic tiles adhesives;
- Tile grouts (when used in case of tiling on structures intended for permanent contact with liquids);
- Waterproofing Betonfix 300 cement mortar;
- Betonfix, Limepor and Tectoria levelling mortars.

**Packages**

Bin 5 Kg – Pallet 24 x (4x5) – 480 Kg  
Bin 25 Kg – Pallet 24 x 25 – 600 Kg





**Kimitech EP-IN**

**Description**

Kimitech EP-IN is a two-component, low viscosity, liquid, epoxy resin that creates structural adhesion, with extremely high wetting power, it is ideal to impregnate high grammage fabrics and tapes and easily penetrates cracks and microfractures (up to 0.3 mm thick), with excellent dielectric properties. It is supplied in two pre-dosed packages (A + B), of which the A part is oversized to allow an easy mixing.

**Uses**

Impregnation of structural reinforcement meshes using the "Béton Plaqué" technique (strengthening using steel plates), injections into damaged structures, vertical and oblique anchoring, in combination with Kimifill it is used to obtain spreadable, epoxy mortars (to rebuild lacking parts of wood structures, to build high resistance continuous floorings, to repair damaged joints).

**Consumption**

Meshes impregnation → 0,8-2 Kg/m<sup>2</sup>  
Filling and grouting → 1 Kg/dm<sup>3</sup>

**Packages**

Pack 4+2 Kg  
Pack 12+6 Kg



**Kimitech EP-IN/50**

**Description**

Kimitech EP-IN/50 is a smooth two-component epoxy resin with low viscosity and with structural adhesion to concrete, steel, wood, stone material. The product is solvent-free and has no shrinkage upon hardening, which occurs by chemical reaction of the two components. Kimitech EP-IN/50 is extremely wetting, ideal to penetrate easily into cracks and microcracks (up to 0.3 mm thick).

**Uses**

Impregnation of structural reinforcement meshes using the "Béton Plaqué" technique (strengthening using steel plates), injections into damaged structures, vertical and oblique anchoring. In combination with Kimifill Kimitech EP-IN/50 is used to obtain spreadable, epoxy mortars (to rebuild lacking parts of wood structures, to build high resistance continuous floorings, to repair damaged joints).

**Packages**

Metal containers of Kg 25 (A+B).

**Consumption**

1,1 kg of Kimitech EP-IN/50 each liter of structure to be clogged up.



**Kimitech EP-RG**

**Description**

Kimitech EP-RG is a dense, high adhesive power, single-component resin for cement and lime. The use of the product lends strong adhesive properties, water-repellence and elasticity to the mixture, ensuring the adhesion of even thin patch layers (10-15 mm). After setting, Kimitech EP-RG cannot be resoftened with water. It is 100% water and alkali-resistant; it delays the start of setting of the mixture.

**Uses**

Kimitech EP-RG is used to increase the adhesive power of mortars containing cement, lime or gypsum-based binders; it is suitable for construction joints, to let plaster/ render coats adhere to reinforced concrete structures, for finishing layers on bitumen floors, and to level substrates in case vinyl floors or carpet will later be laid on.

**Consumption**

0,25 Kg/mq

**Packages**

Bin 1 Kg – Pallet 24 x (20x1) – 480 kg  
Bin 5 Kg – Pallet 24 x (4x5) – 480 kg  
Bin 25 Kg – Pallet 24 x (25) – 600 kg  
Ff 208 Kg





**Kimitech EP-TX**

**Description**

Kimitech EP-TX is a two-component, solvent-free thixotropic, epoxy resin adhesive, supplied in pre-dosed packages with ratio resin/hardner 1/1. Kimitech EP-TX ensures strong adhesion to a variety of substrates and does not shrink during hardening, which occurs as a result of a chemical reaction in which no volatile substances are released.

**Uses**

High-resistance structural bonding to common building materials such as concrete, brick, stone, wood and metal; "Béton Plaqué"; structural reinforcement of vaults, masonry, and reinforced concrete using composite fabrics and plates from the Kimitech and Kimisteel ranges.

When laying fabrics, as well as guaranteeing superior adhesion to the substrate, it also ensures the success of the operation, eliminating any dangerous air bubbles.

**Consumption**

Meshes bonding → 2,5-4 Kg/m<sup>2</sup>  
Bonding → 1,9 Kg/m<sup>2</sup>/mm

**Packages**

Pack 5+5 Kg  
Pack 10+10 Kg



**Kimitech F3**

**Description**

Kimitech F3 is a two-component, thixotropic, paintable polyester resin-based chemical anchoring agent; it ensures rapid setting and strong hold on all building materials.

**Uses**

To anchor reinforcing iron bars in concrete; to anchor pins and bolts in solid or hollow building materials such as lightened blocks, clay brick, stone and concrete; to anchor window frames, balustrades and window and door hinges.

To ensure good anchorage, the surface to be treated must be compact and resistant.

To use it, take the top off the cartridge, push the locking pins to the opening position, screw on the mixing spout then insert the cartridge into the extrusion gun. Squeeze the material out of the spout until an even dark colour is obtained.

**Consumption**

3 cartridges/dm<sup>3</sup>

**Packages**

Box 12 x 380ml



**Kimitech FIOCCO CB**

**Description**

Kimitech FIOCCO CB is a structural element consisting of unidirectional carbon fibers not impregnated, it is used in the construction sector, both in the new and historical buildings. To ensure good anchorage, the surface to be treated must be compact and resistant.

To use it, take the top off the cartridge, push the locking pins to the opening position, screw on the mixing spout then insert the cartridge into the extrusion gun. Squeeze the material out of the spout until an even dark colour is obtained.

Kimitech FIOCCO CB is produced as tapes of such widths and weights that will ensure the same amount of fiber present in the nominal reference section, rolled up on itself or around a rigid metal, plastic or pultruded (solid or hollow) core.

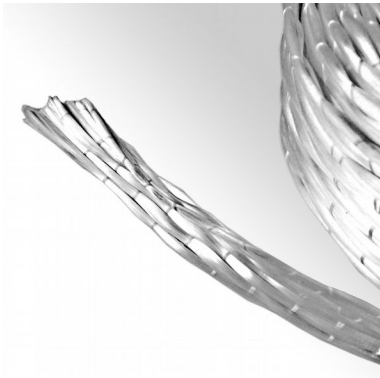
**Uses**

Anchoring for reconstruction of wooden beams, on masonry and concrete works. Structural strengthening.

**Packages**

Rolls of 10 meters.  
Diameter: 8, 10 and 12 mm.





**Kimitech FIOCCO VR**

**Description**

Kimitech FIOCCO VR is a structural element consisting of unidirectional glass fibers not impregnated, it is used in the construction sector, both in the new and historical buildings. To ensure good anchorage, the surface to be treated must be compact and resistant.

To use it, take the top off the cartridge, push the locking pins to the opening position, screw on the mixing spout then insert the cartridge into the extrusion gun. Squeeze the material out of the spout until an even dark colour is obtained.

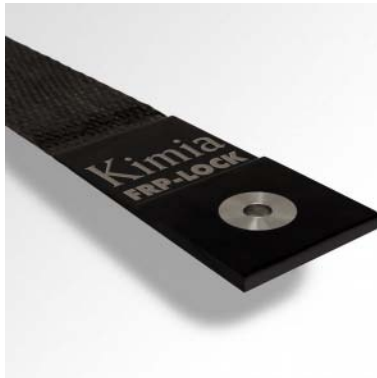
Kimitech FIOCCO VR is produced as tapes of such widths and weights that will ensure the same amount of fiber present in the nominal reference section, rolled up on itself or around a rigid metal, plastic or pultruded (solid or hollow) core.

**Uses**

Anchoring for reconstruction of wooden beams, on masonry and concrete works. Structural strengthening.

**Packages**

Rolls of 10 meters.  
Diameter: 10 and 12 mm.



**Kimitech FRP-LOCK**

**Description**

Kimitech FRP-LOCK is a patented and tested anti-delamination solution.

Kimitech FRP-LOCK consists of:

- a metal STAINLESS STEEL eyelet englobed within a multilayer system of multi-directional fabrics overlaid with specifically designed slants and weights;

- a portion of free fibers to be impregnated in situ long enough to restore the structural continuity of the composite.

Kimitech FRP-LOCK is mechanically binded to the support:

- through the grouting of a 16mm stainless steel bar.

- with the appropriate grouting kit "KIT DI FISSAGGIO" consisting of a metal cylinder to be fixed in the support, provided with internal screw thread for fastening the locking screw.

**Uses**

Fastening the ends of flexural and shear reinforcements on both CLS and masonry surfaces.

Reinforcement of structures made of poor quality materials.



**Kimitech HLA**

**Description**

Kimitech HLA is a two-component, epoxy, self-leveling resin used specifically to create continuous, water-repellent, sterile, washable and decontaminable floorings with excellent adhesion to a variety of substrates and great resistance to wear and to corrosion.

Kimitech HLA can be used undiluted as an epoxy paint or mixed with Kimifill to create self-levelling coatings or to be applied with a spreader.

**Uses**

Kimitech HLA is used on supports provided with vapour barrier to create continuous floorings in the pharmaceutical and food industries, in hospitals, research labs, laundries and canteens, etc...

**Consumption**

- 1,7 Kg/m<sup>2</sup>/mm;
- with 50 % of Kimifill 01-03 added: 1,3 Kg/m<sup>2</sup>/mm;
- with 100 % of Kimifill 01-03 added: 1,1 Kg/m<sup>2</sup>/mm.

**Packages**

Pack 6 Kg (A+B)  
Pack 30 Kg (A+B)





**Kimitech K40**

**Description**

Kimitech K40 is a two-component, epoxy, solvent-free adhesive resin, providing waterrepellence under both positive and negative pressure, with excellent resistance to chemical agents.

**Uses**

Structural construction joints between fresh and aged concrete.

Non-toxic coating for tanks and vessels to be used to contain food substances (tested according Italian regulations).

Protective paint for concrete structures subject to chemical or physical attack, (canals, pipes and manifolds in sewers, tunnels, and purification plants).

Wall continuous coatings, with no need of interruption of manufacturing cycles, particularly in case of industrial plants and food industries (being odourless).

Anti-acid, non-toxic, waterproof grout for ceramic tiles.

**Consumption**

Structural construction adhesion layer between fresh and aged concrete: 0,3-1,5 kg/m<sup>2</sup>;  
protective coating: 0,2 kg/m<sup>2</sup> for each coat.

**Packages**

Pack 1,5 + 6 Kg



**Kimitech K60**

**Description**

Kimitech K60 is a single-component, deep-penetrating synthetic resin.

The extremely fine particle size in Kimitech K60 resin ensures its deep penetration into the substrate, guaranteeing a very high degree of consolidation.

It can also be applied to damp substrates, where no heavy traffic is foreseen.

**Uses**

Kimitech K60 is used to provide dust-proof consolidation on internal dusting surfaces (walls, ceilings and vaults) made of brick, natural/imitation stone, plasters, or in wooden structures.

It is used as a transparent, dust-proof treatment for concrete floors, even if subject to light rising damp, but not to high abrasion.

It can be applied by brush, by roll or spray.

**Consumption**

0,05-0,3 kg/m<sup>2</sup>/coat

**Packages**

Bin 5 Kg – Pallet 24 x (4x5) – 480 Kg

Bin 25 Kg – Pallet 24 x 25 – 600 Kg



**Kimitech PLATE**

**Description**

Kimitech PLATE is a carbon fibre structural sheet pre-impregnated with epoxy resin. The sheet, produced by pultrusion in various widths, is intended specifically for the structural consolidation of reinforced concrete, precompressed reinforced concrete, wood, masonry and steel structures.

Kimitech PLATE is recommended in particular for cladding mainly angled elements and for the binding of masonry systems.

**Uses**

Kimitech PLATE is used for structural reinforcement for reinforced concrete beams and joists, wood and steel, for the consolidation or reinforcement of vaults and masonry elements.

Kimitech PLATE is used (making a careful cleaning with Solvente EPOX and then a light sanding) spreading the epoxy adhesive Kimitech EP-TX both on the support (previously primerized) and on the plate and pushing it suitably.

**Packages**

50 m rolls.

Plates with 1,4 mm thickness and 50, 90, 120 mm of width.





**Kimitech S100**

**Description**

Kimitech S100 is a 300 g/m<sup>2</sup> glass-fibre flock reinforcing mesh.

**Uses**

Kimitech S100 is used together with Kimicover resins to make elastic waterproofing systems.

It is used together with the epoxy bi-component resin Kimitech EP-IN for the creation of anti-acid coatings, to be made after complete hardening of the preliminary reinforced waterproofing cycle, made with the cement osmotic mortar Betonfix 300 mixed with latex Kimitech ELASTOFIX.

On a support prepared with primer Kimicover FIX, after having spread Kimitech EP-IN resin, Kimitech S100 mesh is applied and then impregnated.

When still wet, a second layer of glass fibre mesh Kimitech S100 is applied, and then again saturated with the bi-component epoxy resin Kimitech EP-IN.

**Packages**

50 m rolls.  
Width 1 m.



**Kimitech ST 160 R**

**Description**

Kimitech ST 160 R is a bidirectional carbon fibre reinforcing tissue of 170 g/m<sup>2</sup>, specific for structural reinforcement.

Used together with Kimisteel LM mortar, the bidirectional reinforcement mesh creates a composite FRCM system, which represents a lower performances alternative to the more performing inorganic composite systems of Kimisteel range (which includes steel reinforcement meshes).

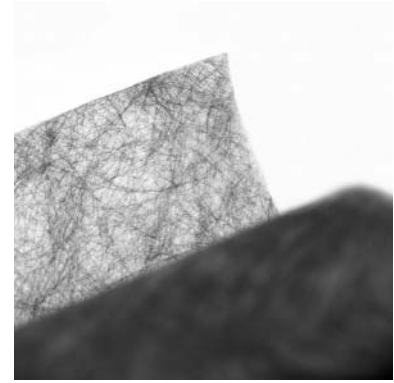
The carbon filaments with a micrometric diameter are grouped together in locks and form the warp and the texture of the mesh. They need to be suitably impregnated by a matrix and not simply englobed by it to exert their function.

**Uses**

Beams, pillars and column reinforcement.  
Vaults consolidation and binding of masonry elements.

**Packages**

50 m rolls.  
Width 1 m.



**Kimitech TNT**

**Description**

Kimitech TNT is a nonwoven fabric, derived from a continuous thread, composed of bicomponent thermally welded fibres with a PET core and a PP coating, characterized by high chemical resistance in alkali environments and by an excellent mechanical strength, together with a remarkable ductility.

It is used with Betonfix GUAINA.

It allows to obtain particularly smooth final surfaces.

**Uses**

To make different kinds of interventions, please check the corresponding specifications and the technical datasheets of the materials to be used.

Reinforcement mesh for Betonfix GUAINA.

It is used on plane surfaces. It is not suitable to be used on corners, because of its rigidity (in these cases please use Kimitech S100 or Kimitech 120).

**Packages**

Rolls:  
width 100 cm.  
length 100 or 25 m.





### **Kimitech TONDO CB**

#### **Description**

Kimitech TONDO CB is a solid, cylindrical structural element made of uni-directional carbon fibres impregnated with synthetic resins; available in different diameters, supplied as standard in 2 m bars.

Kimitech TONDO CB is not affected by stray currents and electromagnetic fields and has very high levels of resistance to corrosion.

#### **Uses**

The reinforcement carbon fibre rods Kimitech TONDO CB can be used for the anchoring of extremities and for anti-delamination connexions in composite systems and, in general, riveting or micro-seaming (together with Kimitech epoxy resins or Betonfix and Limepor injection mortars).

Kimitech TONDO CB rods are used as reinforcement in the reconstruction of the damaged fulcrum in wooden beams with charged epoxy castings.

#### **Packages**

2 m rods  
Diametres: 8, 10, 12 mm.



### **Kimitech TONDO VR**

#### **Description**

Kimitech TONDO VR is a solid, cylindrical structural element made of uni-directional glass fibres impregnated with synthetic resins; available in different diameters, supplied as standard in 2 m bars.

Kimitech TONDO VR is not affected by stray currents and electromagnetic fields and has very high levels of resistance to corrosion.

#### **Uses**

The reinforcement glass fibre rods Kimitech TONDO VR can be used for the anchoring of extremities and for anti-delamination connexions in composite systems and, in general, riveting or micro-seaming (together with Kimitech epoxy resins or Betonfix and Limepor injection mortars).

Kimitech TONDO VR rods are used as reinforcement in the reconstruction of the damaged fulcrum in wooden beams with charged epoxy castings.

#### **Packages**

2 m rods  
Diametres: 6, 12, 16, 20 mm.



### **Kimitech TX311**

#### **Description**

Kimitech TX 311 is a two-component, solvent-free epoxy adhesive mortar. The product is spreadable and adheres excellently to a variety of substrates such as concrete, brick, stone, wood and steel. Kimitech TX 311 is used as both a leveling mortar and a structural adhesive when consolidating with Kimitech fabrics.

#### **Uses**

Kimitech TX 311 is used both in high-resistance structural bonding to common building materials such as concrete, brick, stone and wood; structural reinforcement for vaults, masonry, and reinforced concrete using composite systems based on Kimitech fabrics.

When laying fabrics, as well as guaranteeing superior adhesion to the substrate, it also ensures the success of the operation, eliminating any dangerous air bubbles.

#### **Consumption**

1,7 Kg/m<sup>2</sup>/mm

#### **Packages**

Pack 5 + 5 Kg  
Pack 10 + 10 Kg







**Kimitech VR**

**Description**

Kimitech VR is a family of glass fiber reinforcement fabrics of different weight and texture, specific for structural consolidation. FRP (Fiber Reinforced Polymer). They are characterized by high mechanical resistance, low thickness and weight, speed and ease of installation even for emergencies, less invasive and with good reversibility, great workability and ductility, excellent resistance to stray currents, solvents, acids. The product, properly treated, can be finished with leveling mortars, plaster, paint or fire protection.

**Uses**

Kimitech VR tissues are used for structural consolidations of reinforced concrete, steel, wood and masonry element. They are particularly suitable to plate inflexed elements, reinforce beams and partition walls, confine pillars and in general to make reinforcement rings on buildings.

**Packages**

50 m rolls.

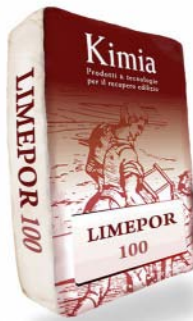
Unidirectional:

Kimitech VR 300 in 20 and 50 cm.

Bidirectional:

Kimitech LP 300 in 100 cm;

Kimitech LP 800 in 100 cm.



**Limepor 100**

**Description**

Limepor 100 is an injection mix containing natural hydraulic lime (NHL) with the addition of natural pozzolan and carbonate filler. This mix was specially designed for the restoration and pre-consolidation of cavity walls and brick or stone foundations by means of injection techniques.

Limepor 100 has low water-soluble salt content which makes it physically and chemically compatible with the original components of walls with similar mechanical properties. It can be injected into cracks or cavities using any kind of pump with special injectors. In order to be installed it only requires the addition of water.

**Uses**

Limepor 100 is used for the restoration and pre-consolidation of ancient brick or flint walls by means of injecting the product with low pressure injection system.

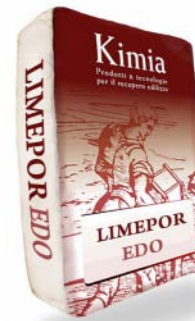
**Consumption**

100 Kg/m<sup>3</sup> of masonry

**Packages**

20 Kg bags

Pallet 60x20 Kg – 1.200 Kg



**Limepor EDO**

**Description**

Limepor EDO is a white, ready-to-use, finishing mortar composed of NHL natural hydraulic lime, natural pozzolans and selected inert siliceous materials of a maximum granulometry of 0.6 mm.

In contact with water, the hydraulic lime reacts to form hydrated products that are extremely unsoluble and very stable, of basic nature.

Limepor EDO is ideal for use in historical buildings as it contains the same natural materials with a low soluble salt content traditionally used in older buildings.

**Uses**

Limepor EDO is used as finishing coat for traditional Limepor or Tectoria plasters and/or renders; as finishing coat for monocomponent and bicomponent dehumidifying plasters, as finishing coat for heat-insulating plasters with Tectoria TH1 (with Kimitech 350 or Kimitech 500 mesh).

**Consumption**

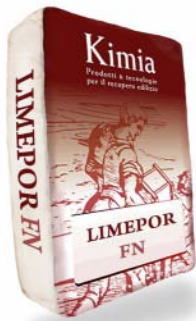
1,5 Kg/mq/mm

**Packages**

25 Kg bags

Pallet 60x25 Kg – 1.500 Kg





**Limepor FN**

**Description**

Limepor FN is a beige-hazel coloured ready-to-use finishing mortar containing natural hydraulic lime (NHL), natural pozzolans and selected inert siliceous materials with a maximum granulometry of 1 mm; it is intended specifically as a finishing coat for traditional plasters/renders and Limepor based ones.

Limepor FN has a low content of water-soluble salts, an excellent colour effect with light beige/brownish shading and is physically and chemically compatible with the components used in historic masonry.

**Uses**

Limepor FN is used as finishing coat for traditional Limepor or Tectoria plasters and/or renders; as finishing coat for monocomponent and bicomponent dehumidifying plasters, as finishing coat for heat-insulating plasters with Tectoria TH1 (with Kimitech 350 or Kimitech 500 mesh).

**Consumption**

1,5 Kg/m<sup>3</sup>/mm

**Packages**

25 Kg bags  
Pallet 60x25 Kg – 1.500 Kg



**Limepor IZ 4**

**Description**

Limepor IZ4 is an injection mix that contains natural hydraulic lime (NHL), pozzolans (highreactivity metakaolin), and a selected carbonated filler with very fine granulometry.

This product was specifically designed for binding and consolidating frescoed plasters taken off their wall substrate.

All the raw materials used are fired at low temperatures following traditional techniques.

Limepor IZ4 can be mixed with Kimitech B2 resin in place of water.

The high quality of the hydraulic lime and metakaolin contained in Limepor IZ4 allows us to obtain a product which does not cause efflorescences and which contains almost no water-soluble salts.

**Uses**

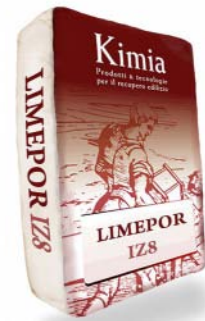
Limepor IZ4 is used for consolidation and bonding (by means of injection) of frescoed plasters taken off their wall substrate.

**Consumption**

1,3 Kg/dm<sup>3</sup>

**Packages**

Pack 5 Kg  
Pallet 80x5 Kg – 400 Kg



**Limepor IZ 8**

**Description**

Limepor IZ8 is an injection mix that contains natural hydraulic lime (NHL), pozzolans (highreactivity metakaolin), and a selected carbonated filler.

All of the raw materials used are fired at low temperatures following traditional techniques. The high quality of the hydraulic lime and metakaolin allows us to obtain a product which does not cause efflorescences and which contains almost no water-soluble salts.

Limepor IZ8 can be injected into cracks and cavities using any common pump with special injectors. In order to be installed it only requires the addition of water.

**Uses**

Limepor IZ8 is used for the restoration and pre-consolidation of masonry structures, even frescoed ones, by means of injecting the product with low pressure injection system.

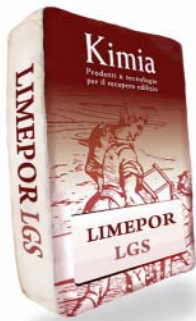
**Consumption**

100 Kg/m<sup>3</sup> of masonry

**Packages**

15 Kg bags  
Pallet 60x15 Kg – 900 Kg





**Limepor LGS**

**Description**

Limepor LGS is a beige-hazel coloured fibro reinforced product made from NHL natural hydraulic lime with natural pozzolan added. Mixed with washed sand and water, Limepor LGS creates masonry mortars that can be used for plasters/renders, in break-fill, stucco works and pointing of brick or stone facades.

Limepor LGS is physically and chemically compatible with the components used in masonry structures and has low water-soluble salt content. In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble and very stable.

**Uses**

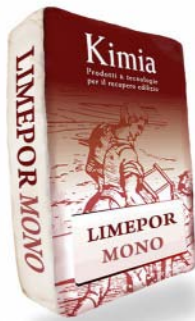
When mixed with local sands with a suitable granulometry and colour, the product is ideal for break-fill work, pointing terracotta facades or exposed stone surfaces as well as for laying screeds.

**Consumption**

500-600 Kg/m<sup>3</sup> of mortar

**Packages**

15 Kg bags  
Pallet 60x15 Kg – 900 Kg



**Limepor MONO**

**Description**

Limepor MONO is a ready-to-use restoration mortar. The product can be used to create, with a single product, a restoration system for walls subject to rising damp in compliance with the requirements of UNI EN 998-1.

**Uses**

Limepor MONO is used to restore walls subject to rising damp on supports which are saturated from humidity and with dry surface.

The product (which in case of manual application must never be mixed by drill or whip, but always in the concrete mixer) is used both to make the first layer of rinzaffo (render) and, after 24 hours, for the subsequent plaster/render (avoiding to install big thicknesses in one coat).

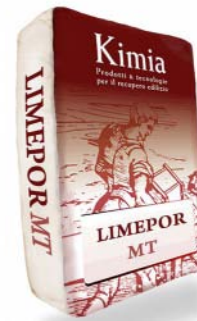
Level after complete hardening (possibly reinforced in case of non-homogeneous supports).

**Consumption**

10 Kg/m<sup>3</sup>/cm

**Packages**

25 Kg bags  
Pallet 60x25 Kg – 1.500 Kg



**Limepor MT**

**Description**

Limepor MT is a white, ready-to-use, beige-hazel finishing mortar composed of CE marked NHL natural hydraulic lime, natural pozzolans and selected inert siliceous materials of a maximum granulometry of 3 mm.

The product is particularly suitable for plasters/renders, in break-fill, stucco works and pointing of brick or stone facades. Limepor MT has a low content of water-soluble salts and it is physically and chemically compatible with the components used in historic masonry.

In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble and very stable from a chemical point of view.

**Uses**

Break-fill works, for plastering/rendering and pointing of terracotta facades or exposed stone surfaces (for facades with stucco works smaller than 1 cm our finer mortar Limepor MT/F is recommended).

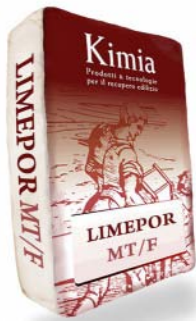
**Consumption**

17 Kg/m<sup>3</sup>/cm

**Packages**

25 Kg bags  
Pallet 60x25 Kg – 1.500 Kg





*Limepor MT/F*

**Description**

Limepor MT/F is a ready-to-use, beige-hazel finishing mortar composed of NHL natural hydraulic lime, natural pozzolans and selected inert siliceous materials of a maximum granulometry of 1 mm. It is suitable for pointing bricks and stone façades with joints smaller than 1 cm

Limepor MT/F has a low content of water-soluble salts and it is physically and chemically compatible with the components used in historic masonry.

In contact with water, the hydraulic lime of the product reacts to form hydrated products that are extremely insoluble and very stable from a chemical point of view.

**Uses**

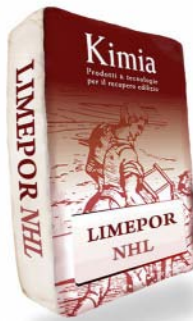
Thanks to its granulometric distribution and to the maximum size of the aggregates Limepor MT/F is ideal for pointing bricks, stone or quarry faced facades with joint gaps smaller than 1cm.

**Consumption**

17 Kg/m<sup>3</sup>/cm

**Packages**

25 Kg bags  
Pallet 60x25 Kg – 1.500 Kg



*Limepor NHL*

**Description**

Limepor NHL is an NHL-2 grade natural hydraulic lime (CE-marked), white with hazel nuances, which can be coloured on site with coloured soils. The raw material is fired at low temperatures in accordance with traditional techniques.

The high quality of the natural hydraulic lime means the product will not result in efflorescences, given the low content of water-soluble salts, compatible with the components of historic masonry.

In contact with water, the hydraulic lime of the product reacts to form hydrated products that are extremely insoluble and very stable from a chemical point of view.

**Uses**

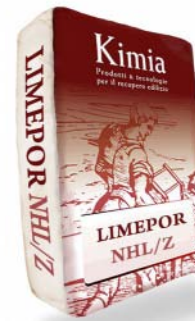
Mixed with an appropriate ratio of washed sand of a suitable granulometry and water, Limepor NHL-Z creates masonry mortars that can be used for plasters/renders, in break-fill and stucco works and pointing of brick or stone facades.

**Consumption**

500-600 Kg/m<sup>3</sup> of mortar

**Packages**

25 Kg bags  
Pallet 40x25 Kg – 1.000 Kg



*Limepor NHL/Z*

**Description**

Limepor NHL is a product based on natural hydraulic lime with highly reactive pozzolan, white with hazel nuances, which can be coloured on site with coloured soils. The raw material is fired at low temperatures in accordance with traditional techniques.

The high quality of the natural hydraulic lime of Limepor NHL/Z means the product will not result in efflorescences, given the low content of water-soluble salts, compatible with the components of historic masonry.

In contact with water, Limepor NHL/Z reacts to form hydrated products extremely insoluble and very stable.

**Uses**

Mixed with an appropriate ratio of washed sand of a suitable granulometry and water, Limepor NHL-Z creates masonry mortars that can be used for plasters/renders, in break-fill and stucco works and pointing of brick or stone facades.

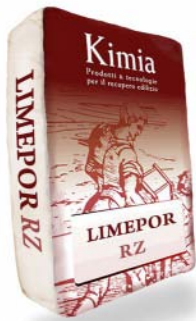
**Consumption**

500-600 Kg/m<sup>3</sup> of mortar

**Packages**

25 Kg bags  
Pallet 40x25 Kg – 1.000 Kg





**Limepor RZ**

**Description**

Limepor RZ is a ready-to-use restoration mortar composed of NHL natural hydraulic lime, natural pozzolans and selected inert siliceous materials of a maximum granulometry of 3 mm. The product has a low content of water-soluble salts. In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble and very stable in terms of the chemical base.

**Uses**

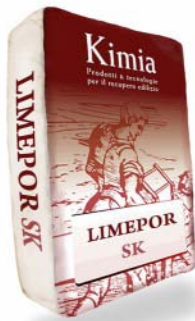
Anti-salt render and promoter of adhesion for the mortar Tectoria DF, so to form a multi-product system against rising damp, to use both for new buildings and for historic ones, characterized by high presence of salts (sea-front structures, old stables, etc...). The system, is compliant to WTA recommendations and characterized by being extremely light, breathable and porous, and can be installed in any exposure condition.

**Consumption**

7 Kg/m<sup>3</sup>

**Packages**

25 Kg bags  
Pallet 60x25 Kg – 1.500 Kg



**Limepor SK**

**Description**

Limepor SK is a white finishing stucco composed of NHL natural hydraulic lime, natural pozzolans and fine granulometry inert materials (< 0.1 mm). The product will not result in efflorescences, containing almost no water-soluble salts whatsoever.

All of the raw materials used are fired at low temperatures following traditional techniques.

Natural hydraulic lime with the addition of a pozzolan creates a product with mechanical and chemical properties that are far superior than any other dry powder hydrated lime or lime putty finishing product.

**Uses**

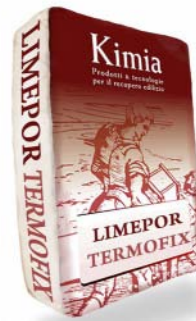
Limepor SK is used as finishing coat for traditional Limepor or Tectoria plasters and/or renders; Limepor or Tectoria plasters and/or renders and Limepor or Tectoria dehumidifying plasters.

**Consumption**

1,3 Kg/m<sup>3</sup>/mm

**Packages**

20 Kg bags  
Pallet 60x20 Kg – 1.200 Kg



**Limepor TERMOFIX**

**Description**

Limepor TERMOFIX is a ready-to-use mortar composed of NHL natural hydraulic lime, natural pozzolans and selected inert siliceous materials of a maximum granulometry of 3 mm. Perlite is the natural light inert material which gives Limepor TERMOFIX its external insulation and lightweight properties. Limepor TERMOFIX is low in water soluble salts and has an excellent colour effect with beige and hazelnut tones. In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble and very stable.

**Uses**

Limepor TERMOFIX is used as a sound-absorbent insulation layer and easy to apply for the creation of light sound-absorbent screeds in case of roofs with wood supporting structure. It is suitable for all the applications for which a reduction of the overloads is required (floors and wood structures).

**Consumption**

6 Kg/m<sup>3</sup>/cm

**Packages**

25 Kg bags  
Pallet 32x25 Kg – 800 Kg





**Soluzione P**

**Description**

Soluzione P is a single component, ready to use formula with a base of buffer acids.

It is used in the building trade as a chemical treatment to eliminate cement mortar residues.

**Uses**

Soluzione P is used to eliminate cement mortar residues for both ceramic and terracotta floors and coverings, to chemically roughen industrial floors with vapour barrier and finished with quartz powder in the case of successive coloured resin coverings.

The product shall be installed as it is by brush, roll or single brush.

In case of significant incrustations, repeat the procedure until complete removal of the residue. Avoid direct contact among the acid and metal objects or delicate materials.

**Consumption**

0,3 Kg/m<sup>3</sup>

**Packages**

Bin 5 lt – Pallet 24 box (4x5) – 480 lt  
Bin 25 lt – Pallet 24x25 – 600 lt.



**Soluzione RUGGINE**

**Description**

Soluzione RUGGINE is a synthetic single component ready to use resin.

The product is formulated especially to attack rust, transforming it into an insoluble blue/black complex.

Soluzione RUGGINE at the same time creates a protective film.

That film is exceptionally adherent to the metal, substituting following applications of anti-rust paint.

**Uses**

Soluzione RUGGINE is ideal for treating any surface with rust.

Given its resistance and tenacity, Soluzione RUGGINE makes an excellent physical-chemical barrier to protect the metal.

**Consumption**

0,05 Kg/m<sup>3</sup>

**Packages**

Bin 1 Kg  
Pallet 24 box (16x1 Kg) – 384 kg



**Solvente EPOX**

**Description**

Solvente EPOX is a product which is suitable to dilute Kimitech and Kimicover epoxy and polyurethane products and to clean the equipment used to apply those products, before their hardening (once hardened the product will only be mechanically removable).

**Packages**

Box 20 l (4 x 5l) - Pallet 24x4x5 – 480 l  
Bin 25 lt – Pallet 24x25 – 600 lt.

**Warning**

Solvente EPOX is flammable and must be handled with caution: the product can irritates eyes and respiratory tract.

The technical specification and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final result obtainable with the product.

It is the customer's responsibility to check that the product is suitable for the intended use and that this data sheet is still effective and has not been replaced by a more recent version.





*Tecnoseal 130*

**Description**

Tecnoseal 130 is a single component, ready to use, polyurethane sealant. It has excellent resistance to atmospheric agents, chemical substances (oils, grease, acids and diluted alkalis) and it is suitable for permanent contact with water.

It is paintable and provides a permanent elasticity, able to absorb continual structural movements until 25%. It perfectly adheres to concrete, natural stone, wood and laminated metals in general.

Polymerisation (its speed depends on environmental temperature and humidity) starts from the external surface (with a temperature of about 15°C the polymerisation has a speed of approx. 1 mm per day, with temperatures less than +5°C the polymerisation does not occur).

**Uses**

It is used for elastic and waterproof sealing of construction joints, both horizontally and vertically, in the traditional and prefabricated building. Tecnoseal 130 is ideal for construction tinsmith works.

**Packages**

Ctrl 310 ml. Box 12 pcs.



*Tecnoseal 88*

**Description**

Tecnoseal 88 is a polyurethane, bicomponent self-levelling sealant. It has excellent resistance to abrasion, hydrocarbons and atmospheric agents. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

Tecnoseal 88 adheres perfectly to concrete, metal, stone and wood, guaranteeing a hydraulic holding even with permanent contact with water.

It is supplied in two pre-dosed packages (A + B), of which the A part is oversized to allow an easy mixing.

**Uses**

Tecnoseal 88 is used for the sealing of cleaned horizontal joints, without grease, dust or inconsistent parts, on terraces suitable for pedestrians or vehicles, industrial floorings, parkings, airport tracks.

**Consumption**

1,5 Kg/dm<sup>3</sup>

**Packages**

Pack 6,5 kg (A+B)



*Tecnoseal ACR*

**Description**

Tecnoseal ACR is a single component acrylic sealant in a water suspension.

It does not contain solvents, it is odourless and it has an excellent resistance to ageing and all bad weather.

**Uses**

Tecnoseal ACR is used for vertical or ceiling sealing for joining the most commonly used building substrata such as bricks, wood, plasterboard, concrete, etc...

All the surfaces to be sealed must be cleaned, dry and free of grease.

The sealant is ready to use and can be applied with the usual equipment in joints of appropriate section and avoid gluing on three sides (use the appropriate joint filler Ethafoam for this purpose).

The sealant can be washed with water when still wet, whereas once it is dry it can only be removed mechanically.

**Consumption**

2 cartridges/dm<sup>3</sup>

**Packages**

Bag 550 ml - Box 20 pcs.





*Tectoria DF*

**Description**

Tectoria DF is a white, ready-to-use mortar with hazelnut tones, CE marked natural lime based with inert materials which give the product its porous composition.

It is also certified as compliant with the requirements for restoration plasters (type R) under UNI EN 998-2.

It has been tested for the absence of gamma ray/radon gas emissions; it uses natural, fully recyclable materials, fired at low temperatures thereby limiting CO<sub>2</sub> emissions and reducing the amount of energy used in production; it is Chrome VI free; it contains traditional materials with a low soluble salt content.

In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble and very stable from a chemical point of view.

**Uses**

Tectoria DF is used together with Limepor RZ to restore masonry work subject to rising damp.

**Consumption**

11 Kg/m<sup>3</sup>/cm

**Packages**

Bag 25 Kg. Pallet 60x25Kg – 1.500 kg



*Tectoria M15*

**Description**

Tectoria M15 is a ready to use mortar, natural hydraulic lime based, compliant to the UNI EN 998-2 requirements for M15 masonry mortars.

The mortar contains hydraulic binders which has been tested for the absence of gamma ray/radon gas emissions; it uses natural, fully recyclable materials, fired at low temperatures thereby limiting CO<sub>2</sub> emissions and reducing the amount of energy used in production.

It is Chrome VI free; it contains traditional materials with a low soluble salt content.

**Impieghi**

Due to its high mechanical strength it is used for the consolidation of masonry structures:

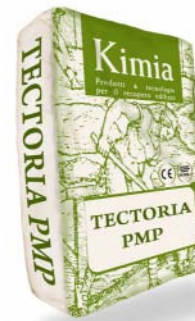
Reinforced plasters; vaults' consolidation through cooperative castings; FRCM reinforcements; Break-fill operations; Laying of walls foundations.

**Consumption**

17 Kg/m<sup>3</sup>/cm

**Packages**

Bag 25 Kg  
Pallet 60x25Kg – 1.500 kg



*Tectoria PMP*

**Description**

Tectoria PMP is a ready-to-use mortar composed of natural hydraulic lime, with CE mark as GP according to UNI EN 998-1.

Thanks to the inert materials deriving from the grinding of bricks, roof tiles and stone it has a variety of different standard colours (which can be mixed together in suitable proportions to create mortars with customised colours). It has been tested for the absence of gamma ray/radon gas emissions; it uses natural, fully recyclable materials, fired at low temperatures thereby limiting CO<sub>2</sub> emissions and reducing the amount of energy used in production; it is Chrome VI free; it contains traditional materials with a low soluble salt content; In contact with water it forms hydrated products, extremely insoluble.

**Uses**

Tectoria PMP is ideal to be used in plasters, to point terracotta or exposed stone surfaces, and in break-fill works.

**Consumption**

17 Kg/m<sup>3</sup>/cm

**Packages**

Bag 25 Kg  
Pallet 60x25Kg – 1.500 kg







**Tectoria TFT**

**Description**

Tectoria TFT is a white, ready-to-use mortar with hazelnut tones composed of NHL natural hydraulic limes (UNI EN 459).

It is compliant to the requirements of European Community required for finishing mortars (UNI EN 998 tipo GP). It has been tested for the absence of gamma ray/radon gas emissions; it uses natural, fully recyclable materials, fired at low temperatures thereby limiting CO<sub>2</sub> emissions and reducing the amount of energy used in production; it is Chrome VI free; it contains traditional materials with a low soluble salt content. In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble.

**Uses**

Tectoria TFT is used to level traditional plasters and/or renders, dehumidifying or thermal plasters (in this case, apply the product using a Kimitech 350 or Kimitech 500 mesh).

**Consumption**

1,4 Kg/m<sup>3</sup>/mm

**Packages**

Bag 25 Kg  
Pallet 60x25Kg – 1.500 kg



**Tectoria TH1**

**Description**

Tectoria TH1 is a white, ready-to-use mortar with hazelnut tones composed of CE marked natural hydraulic limes (T2 type according to UNI EN 998-1).

It has been tested for the absence of gamma ray/radon gas emissions; it uses natural, fully recyclable materials, fired at low temperatures thereby limiting CO<sub>2</sub> emissions and reducing the amount of energy used in production; it is Chrome VI free; it contains traditional materials with a low soluble salt content.

In contact with water, the hydraulic lime reacts to form hydrated products that are extremely insoluble and very stable in terms of the chemical resistance.

It has to be mixed in a concrete or continuous mixer for about 2 minutes (max. 4 minutes), without crashing the inert materials.

**Uses**

Insulating plasters for breathable internal and external thermal insulation; removal of thermal bridges.

**Consumption**

5 Kg/m<sup>3</sup>/cm

**Packages**

Bag 25 Kg. Pallet 60x25Kg – 1.500 kg







# Kimia

049074/4 EN

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Since 1995, Kimia S.p.A. has operated a Certified Quality System-  
currently compliant to UNI EN ISO 9001:2008