



AKEMI®



Stone and Marble Product Range for Professionals

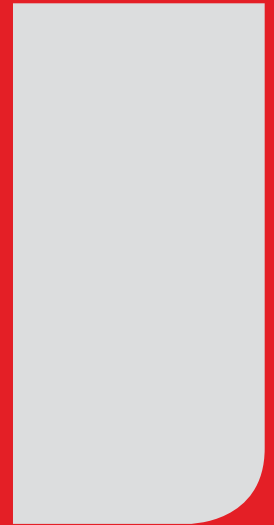


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Notice:

The above information is based on our latest development and application technology. Due to multiplicity of different influencing factors, this information - as well as other oral or written technical advises - must be considered as non-binding hints. The user is obliged in each particular case to conduct a performance test, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece. Observation or Technical Data instruction is mandatory (www.akemi.in)

SOME WORDS ABOUT OURSELVES



Head office in Nürnberg, Germany



India subsidiary company, Bangalore

AKEMI® - German technology for the stone industry world wide

AKEMI® - a Nürnberg, Germany, based company- has been producing chemical products for the treatment of natural and engineered stones for more than 90 years. On account of these decades of experience, **AKEMI®** is the leading partner world-wide for stone-processing enterprises.

In 2011 **AKEMI®** started a subsidiary company (**AKEMI** Technology India, PVT. LTD.) in Bangalore, India in order to fulfill the customer needs of the growing India market. German machinery and raw materials ensure the highest German quality standard. Furthermore German Engineers lead the Indian management with respect to manufacturing process and quality and control.



Product Segments

AKEMI Technology India PVT. LTD. offers a full range of Polyester Fillers and Adhesives, Epoxy Resins and Adhesives, Stone Cleaners and Impregnators, Surface Treatment Products (Polishers and Colour Enhancers) as well as Silicone Sealants.



Modern Filling plant

SOME WORDS ABOUT OURSELVES

Worldwide Distribution and production in more than 90 countries

Our products are supplied in a wide range of packing sizes which are suited to the consumer's requirements. Our perfectly organized service guarantees a prompt and reliable delivery in more than 90 different countries around the world.

Besides its headquarters in Nürnberg, **AKEMI®** founded production plants and distribution establishments in the U.S (Atlanta), Brazil (Sao Paulo), India (Bangalore) and China (Beijing).

The very high quality level of AKEMI's products is ensured by up-to-date production and filling plants as well as continual inspection and testing.



Worldwide distribution and production



Research and Development

With the aid of intensive research and development the vast AKEMI-product range is continuously being optimized and expanded.

Highly qualified chemists and chemical engineers are continuously improving the quality of existing products and make them friendlier to the environment. New products of the customers and are being tested in view of their durability in freeze-thaw cycles and failure tests.

SOME WORDS ABOUT OURSELVES

Food safety and external certification

Many **AKEMI** products have been certified by external German testing laboratories. These attest in particular to the compatibility of many of the impregnating agents and cleaners with foodstuffs or are connected with the listing and registration of our disinfectants.



Environmental protection and product safety

As a company in the chemical industry, **AKEMI** is very conscious of the importance of environmental protection and product safety. In the development and production processes **AKEMI** takes this responsibility into consideration.

For this reason, when selecting raw materials, we take particular care to use those which are as environmentally-friendly as possible and which are also registered by the Federal Ministry for the Environment (Umweltbundesamt). The packaging of the products is made out of ecologically-compatible materials such as polyethylene or tin plate. These can be disposed of via DSD (the Green Dot).

AKEMI products meet all legal requirements with regard to health protection, work safety and labelling. Products which are also used by the private final consumer are provided with childresistant packaging and tangible warning signs.



Quality management

To assure the continuity of the premium quality of **AKEMI** products, a quality management has been introduced at **AKEMI** Germany for a long time now according to ISO 9001:2008 which is externally certified and regularly controlled.



Consulting

- For specific questions concerning the application of our products our service hotline is available on Tel. +91 011-43549262
- supports its customer on-site with product presentations and training courses. Highly-qualified application experts and sales consultants are provided for this purpose.
- Training on the products and their application are provided on a regular basis.
- On our homepage (www.akemi.in), more than 10,000 individualized care instructions for natural and artificial stone can be generated and printed out. These take into consideration not only the particular kind of stone being used, but also its texture (for example ground or polished) and its use or place of application (for example a kitchen top or in the bathroom).

PROTECTION - before laying

PREMIUM PROTECTION & Basic Protection Against Back Side Moisture



Anti-Stain Coating 2015

Liquid, 2-component coating (2:1) based on a polymer formulation, containing filling agents, free of solvents, excellently stable to alkali (especially to laying mortar), weather-resistant, thin layer application allows high spreading rate.

Application:

For the lateral and rear sealing of natural and artificial stone slabs for a secure prevention of blooming and stains caused by moisture. Avoids or reduces formation of rust stains. The quartz sand dispersed on the Anti-Stain Coating 2015 layer acts as an adhesion primer to the laying mortar. The following accessories are available: pump with stretch lid for the bucket to take out component A and B, scale cup for exact dosing and insertion cup for mixing of the components.

Size	Sales Unit	Art No.
900 g	6	1 17 44 **
15 kg	1	1 17 17 **

Colour: Grey



VIDEO

PROTECTOR

Pre-impregnation, protects against discolouration caused by humidity, facilitates the removal of construction dirt.

Field of Application:

Suited to achieve a water and dirt repellent treatment of wall-and floor covering made of absorbent mineral substances s.a. natural and artificial stone (polished ground or rough surfaces of marble, lime stone, granite, gneiss, porphy, cotto, terrazzo, unglazed ceramic tiles or similar). The treatment is carried out before laying. The product protects from ascending humidity and against soiling resulting from humidity during the construction phase.

Size	Sales Unit	Art No.
1 l	6	1 19 37 *
5 l	2	1 19 38 *



BONDING, GROUTING, ANCHORING

Polishable, indoors and outdoors (for Colour Stone/Marble)



▶ POLYSTER SYSTEM

POLYSOFT/POLYLIQUID

POLYSOFT and POLYLIQUID are 2-component products for bonding and filling of natural and artificial stone. POLYSOFT stands out due to its creamy-soft consistency. POLYLIQUID is a liquid stone filler. POLYSOFT and POLYLIQUID are standardly available in the colours honey transparent, white, black and various beige shades.

POLYSOFT Application:

Excellently suitable for bonding stones especially on vertical surfaces and for filling of big holes or big cracks.

POLYLIQUID Application:

Excellently suitable for filling small and medium-size holes or cracks as well as for bonding horizontal surfaces. Also suited for reinforcement work.

Size	Sales Unit	POLYLIQUID Art. No.	POLYSOFT Art. No.
Colour: transparent			
1.00 kg can	6	1 29 58 *	1 29 52 *
Colour: white			
1.50 kg can	6	1 30 48 *	1 30 42 *
Colour: black			
1.50 kg can	6	1 30 49 *	1 30 43 *
Colour: paglierino light			
1.50 kg can	6	1 30 46 *	1 30 40 *
Colour: paglierino Dark			
1.50 kg can	6	1 30 47 *	1 30 41 *



Hardeners for Polyester Filler and PLATINUM

Hardener B - liquid ***

Field of Application:

Only for use with CRACK BOND Waterclear and Marble Filler 1000 Transparent L-Special Waterclear, Diamond Clear Gel.

Hardener Paste ***

Field of Application:

For use with POLYLIQUID, SEMISOFT, POLYSOFT, RAPID (polyester filler) and PLATINUM (epoxyacrylate adhesive). Not applicable for CRACK BOND Waterclear, Marble Filler 1000 Transparent L-Special Waterclear and Diamond Clear Gel.

Size	Sales Unit	Art No.
20 g	12	3 04 23 **
Colour: Transparent, colourless		

Size	Sales Unit	Art No.
45 g	12	3 18 23 *
Colour: White		



▶ EPOXY SYSTEM

AKEPOX® CLARO SOFT-GEL

Gel-like, 2-component construction adhesive (2:1), only slight tendency to discolour, ideal for colouring, free of solvents, weather-resistant.

Mainly used in the stone-working industry for the weather-resistant bonding and glueing of natural stone (marble, granite), Techno Ceramics, terrazzo, concrete. Good creeping strength on vertical surfaces.

Size	Sales Unit	Art No.
Comp A Comp B		
1000 gms + 500 gms	6	1 12 64* 1 12 65*
Colour: transparent		

NEW!



* Made in India with German Technology
 ** Supplied from Germany

BONDING, GROUTING, ANCHORING

Polishable, indoors and outdoors (for Colour Stone/Marble)



EPOXY SYSTEM



GELOFIX® CRYSTAL

Gel-like, 2-component construction adhesive (2:1), only slight tendency to discolour, ideal for colouring, free of solvents, weather-resistant.

Field of Application:

For face joints indoors and outdoors - particularly where they are visible - quadratures, for restoration work in contact with mortar, ideal for natural and artificial stone.

Size	Sales Unit	Art No.
	Comp A	Comp B

1000 gms

+500 gms 6 1 31 49* 1 31 47*

Colour: Neutral

NEW!



GELOFIX® GEL 500

Gel-like, 2-component construction adhesive (2:1), only slight tendency to discolour, ideal for colouring, free of solvents, weather-resistant.

For face joints indoors and outdoors - particularly where they are visible quadratures, for restoration work in contact with mortar, ideal for natural and artificial stone.

Size	Sales Unit	Art No.
	Comp A	Comp B

1500 gms

+750 gms 6 1 33 12* 1 33 13*

Colour: Neutral

NEW!



GELOFIX®

Gel-like, 2-component construction adhesive (1:1), only slight tendency to discolour, ideal for colouring, free of solvents, weather-resistant.

Field of Application:

For face joints indoors and outdoors - particularly where they are visible - quadratures, for restoration work in contact with mortar, ideal for natural and artificial stone.

Size	Sales Unit	Art No.
	Comp A	Comp B

500 gms 6 1 30 02* 1 30 03*

1000 gms 6 1 30 00* 1 30 01*

Colour: Neutral-100

500 gms 6 1 30 06* 1 30 07*

1000 gms 6 1 30 04* 1 30 05*

Colour : Beige-114

500 gms 6 1 30 10* 1 30 11*

1000 gms 6 1 30 08* 1 30 09*

Colour : Beige-118

BONDING, GROUTING, ANCHORING

Polishable, indoors and outdoors (for Colour Stone/Marble)

▶ EPOXY SYSTEM

AKEPOX® 1005

very low viscosity, 2-component filler (4:1), hardening time approx. 24 h (20°C), only slight tendency to discolour, easy to colour, free of solvents, weather-resistant. **Foodsafe** (certified by an external German testing institute).

Field of Application:

Very high penetration into fine and deep cracks. Fills small holes and finishes at the same time the surface of the stone.

Size	Sales Unit	Art. No.	
Weight (A+B)	Comp A	Comp B	
1000 gms			
+250 gms	6	1 16 56*	1 06 56*
4 kg + 1 kg	2	1 27 67*	1 37 67*

Colour: Transparent



AKEPOX® 1006

low-viscosity, 2-component filler (4:1), hardening time approx. 48 h (20°C), only slight tendency to discolour, easy to colour, free of solvents, weather-resistant

Field of Application:

Best to treat stones which require a strong colour intensification. Very long hardening and very good penetration into fine fissures and webbing. Fills small holes and finishes at the same time the surface of the stone.

Size	Sales Unit	Art. No.	
Weight (A+B)	Comp A	Comp B	
1000 gms			
+250 gms	6	1 17 10*	1 38 34*
4 kg + 1 kg	2	1 28 27*	1 17 11*

Colour: Light transparent



AKEPOX® 1009

low viscosity, 2-component filler (4:1), hardening time approx. 6 h (20°C), easy to colour, free of solvents, weather-resistant.

Field of Application:

Best to treat light coloured and stones. Normally no or almost no change of colour on stone surface. Fills fissures and holes and finishes at the same time the surface of the stone.

Size	Sales Unit	Art. No.	
Weight (A+B)	Comp A	Comp B	
1000 gms			
+250 gms	6	1 26 82*	1 37 16*

Colour: Transparent



AKEPOX® 1016 Micro Filler

ultra-liquid 2-component stone strengthener, hardening time approx. 18-24 h (20°C), low odour, easy to colour, free of solvents, weather-resistant

Field of Application:

Generalist due to transparent colour. For natural stone, concrete or concrete ashlar. Very slow hardening and excellent penetration into fine fissures. Closes fine hair cracks and micro fissures and finishes at the same time the surface of the stone. Mixing ratio 3:1.

Size	Sales Unit	Art. No.	
Weight (A+B)	Comp A	Comp B	
1000 gms			
+250 gms	6	1 30 86*	1 30 87*

Colour: Transparent



* Made in India with German Technology
 ** Supplied from Germany

BONDING, GROUTING, ANCHORING

Polishable, indoors and outdoors (for White Stone/Marble)



POLYSTER SYSTEM



Marble Filler 1000 Transparent L-Special Waterclear

L-Special Waterclear is a gel-like, knife-grade filler which hardly yellows, does not change its consistency by stirring, keeps its stability even in case of higher temperatures.

L-Special Waterclear Application:

Excellently suitable for bonding stones especially on vertical surfaces and for filling of big holes or big cracks. Suitable for light-coloured and white, transparent-crystalline natural stone such as Thassos, Carrara, Onyx, Palisandro and Estremoz in a vertical position. Also for modelling corners and edges.

Size	Sales Unit	Art No.
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900 ml	6	1 07 22**
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Colour: Milky



CRACK BOND Waterclear

Crack Bond Waterclear is a very liquid, 2-component product, UV-stabilized, which hardly yellows, can be polished

Crack Bond Waterclear Application:

Excellently suitable for filling small and medium-size holes or cracks as well as for bonding horizontal surfaces. Suitable for light, white, transparent crystalline natural stones s.a. Thassos, Carrara, Onyx, Palissandro, Estremoz.

Size	Sales Unit	Art No.
------	------------	---------

900 ml	6	1 13 23 **
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Colour: Transparent, colourless

BONDING, GROUTING, ANCHORING

Polishable, indoors and outdoors (for White Stone/Marble)

► PUR SYSTEM

EVERCLEAR 505 LIQUID

liquid 2-component PUR-filler, usually no bleeding of treated stones, grindable and polishable after approx. 6 h (20°C), can be coloured with AKEMI polyester Colouring Pastes, Colouring Concentrates or Spectrum Pastes, mixing ratio 4:3

Field of Application:

For high-quality strengthening of fissures, filling of pores and surface improvement of light, white or transparent-crystalline natural stone like onyx, Thassos, Sivec, Carrara Marble, Statuario in horizontal areas. Due to its low tendency to yellowing, the product can be used without restrictions indoors and outdoors.

Size	Sales Unit	Art No.
Weight (A+B)		
Comp (A+B)		
1900 gms		1 14 87**

Colour: Colourless Transparent



EVERCLEAR 510 KNIFE-GRADE

Gel-like 2-component PUR-adhesive(1:1), no bleeding of treated stones, UV-stable, almost no yellowing, free of solvents, grindable and polishable after approx. 8 h (20 C), can be coloured with AKEMI polyester colouring pastes or concentrates

Application:

For high-quality bonding or filling of light coloured, white or transparent crystalline natural and artificial stone as well as paper, wood, glass and certain plastics, For horizontal and vertical applications. Due to the low tendency to yellowing and good resistance to frost/thaw cycles it can be used outdoors without restriction on hard stone (e.g. granite) and techno ceramics.

Size	Sales Unit	Art No.
Weight (A+B)		
540 gms		
+270 gms	1	1 14 74**
395 ml	6	1 14 52**

Colour: Colourless Transparent



VIDEO



► EPOXY SYSTEM

AKEPOX® 5010

Gel-like, 2-component construction adhesive (2:1), only slight tendency to discolour, ideal for colouring, free of solvents, weather-resistant. Foodsafe (certified by an external German testing institute).

Field of Application:

For face joints indoors and outdoors - particularly where they are visible - quadratures, for restoration work in contact with mortar, ideal for white natural and artificial stone.

Size	Sales Unit	Art No.
	Comp A	Comp B
1500 gms		
+750 gms	6	1 16 37** 1 06 71**
400 ml	12	1 06 87** (A+B)

Colour: Transparent-milky-white



AKEPOX® 5000

Low viscosity, 2-component filler (2:1), only slight tendency to yellow, easy to colour, free of solvents, weather resistant

Field of Application:

For visible bonding joints indoors and outdoors, inlay and restoration work, filling cracks, embedding and reinforcing work. Good adhesion on humid stone.

Size	Sales Unit	Art No.
Weight (A+B)	Comp A	Comp B
1000 gms		
+500 gms	6	1 16 35** 1 06 70**

Colour: Transparent crystal clear



* Made in India with German Technology
 ** Supplied from Germany

BONDING, GROUTING, ANCHORING

Colouring concentrates Polyester/ Epoxyacrylate/PUR/Epoxy & Spectrum Pastes



Colouring Concentrate liquid for Polyester/Epoxyacrylate/PUR

Field of Application:

Used for colouring Marble Filler 1000, PLATINUM (epoxy-acrylate adhesive) and EVERCLEAR (PUR adhesive) to match the colour of the filler with that of the respective stone. The liquid consistency makes it easier to mix the colouring concentrate with liquid products.

Size	Sales Unit	Art. No.
50 ml squeeze bottle		
Colour: red	10	1 10 50 **
Colour: redbrown	10	1 10 51 **
Colour: white	10	1 10 52 **
Colour: black	10	1 10 53 **
Colour: ochre	10	1 10 54 **
Colour: green	10	1 10 55 **
Colour: brown	10	1 10 56 **
Colour: blue	10	1 10 57 **
Colour: beige	10	1 10 58 **
Colour: grey	10	1 10 59 **



Colouring Concentrate for Epoxy

Field of Application:

For colouring AKEPOX fillers and adhesives and to match the colour of the adhesive with that of the respective stone. The liquid consistency makes it easier to mix the colouring concentrate with liquid products.

Size	Sales Unit	Art. No.
50 ml squeeze bottle		
Colour: red	10	1 12 70 **
Colour: redbrown	10	1 12 71 **
Colour: white	10	1 12 72 **
Colour: black	10	1 12 73 **
Colour: ochre	10	1 12 74 **
Colour: green	10	1 12 75 **
Colour: brown	10	1 12 76 **
Colour: blue	10	1 12 77 **
Colour: beige	10	1 12 78 **
Colour: grey	10	1 12 79 **

SPECTRUM PASTES

CLASSIC COLOURS

black CC 1000 Art. No. 1 15 29	black CC 1010 Art. No. 1 15 30	black CC 1020 Art. No. 1 15 31	black CC 1030 /1040 Art. No. 1 15 32	white CC 1100 / 1130 Art. No. 1 15 33	white CC 1120 Art. No. 1 15 34	white CC 1140 Art. No. 1 15 35	cream CC 1600 Art. No. 1 15 41
cream CC 1620 Art. No. 1 15 42	cream CC 1640 Art. No. 1 15 43	cream CC 1650 Art. No. 1 15 44	cream CC 1660 Art. No. 1 15 45	cream CC 1670 Art. No. 1 15 46	beige CC 1700 Art. No. 1 15 48	beige CC 1705 Art. No. 1 15 49	beige CC 1715 Art. No. 1 15 50
beige CC 1720 Art. No. 1 15 51	beige CC 1725 Art. No. 1 15 52	beige CC 1735 Art. No. 1 15 53	beige CC 1750 Art. No. 1 15 54	beige CC 1760 Art. No. 1 15 55	beige CC 1770 Art. No. 1 15 56	grey CC 1800 Art. No. 1 15 58	grey CC 1805 Art. No. 1 15 59
grey CC 1815 Art. No. 1 15 60	grey CC 1830 Art. No. 1 15 61	grey CC 1840 Art. No. 1 15 62	grey CC 1850 Art. No. 1 15 63	grey CC 1860 Art. No. 1 15 64	grey CC 1870 Art. No. 1 15 65	grey CC 1880 Art. No. 1 15 66	khaki CC 1900 Art. No. 1 15 68
khaki CC 1920 Art. No. 1 15 69	khaki CC 1940 Art. No. 1 15 70	khaki CC 1950 Art. No. 1 15 71	khaki CC 1960 Art. No. 1 15 72	brown CC 2000 Art. No. 1 15 73	brown CC 2010 Art. No. 1 15 74	brown CC 2030 Art. No. 1 15 75	brown CC 2040 Art. No. 1 15 76
brown CC 2050 Art. No. 1 15 77	brown CC 2060 Art. No. 1 15 78	red CC 1220 Art. No. 1 15 38	red CC 1230 Art. No. 1 15 39	blue CC 1510 Art. No. 1 15 40			

MAGIC COLOURS

white magic CC 1150 / 1160 Art. No. 1 15 37	crème magic CC 1680 Art. No. 1 15 47	beige magic CC 1780 Art. No. 1 15 57	grey magic CC 1890 Art. No. 1 15 67

Disclaimer : Colour samples show the cured state of products. Difference of colour due to printing alterations.



VIDEO

STONE STRENGTHENERS

Densifier



Stone-Sil 200

Advanced lithium chemistry which is water-based solution requires no rinsing and is VOC compliant in all areas of the world. When applied on surface, it penetrates up to ¼ inch (7mm) where it reacts with free calcium to form insoluble calcium silica hydrate, which makes marble or stone more water, stain, and abrasion resistant for easier maintenance and longer life. It is also suitable for marble, natural stones and concrete polishing procedures and helps prolong the life of polished finishes.

Field of Application:

For the treatment of ground and polished absorbent marble, natural stone, lime stone, sandstone, granite or concrete.

Size	Sales Unit	Art No.
1 l	6	1 13 55 *
5 l	2	1 13 56 *
25 l	1	1 32 93 *

Colour: Slightly turbid



Stone-Sil 800

Stone-Sil 800 is a penetrating Nano-Lithium® treatment for marble, natural stone, terrazzo and polished concrete surfaces formulated specifically for surfaces which has been ground and polished upto 800 grits.

Environmentally friendly treatment also reduces efflorescence, abrasion resistance and reduces dusting.

Field of Application:

For the treatment of ground and polished absorbent marble, natural stone, lime stone, sandstone, granite or concrete.

Size	Sales Unit	Art No.
1 l	6	1 13 57 *
5 l	2	1 13 58 *
25 l	1	1 33 14 *

Colour: Slightly turbid



* Made in India with German Technology

** Supplied from Germany

STONE STRENGTHENERS

Densifier



Stone-Sil (Dip technology)

Impregnating Hardener is a penetrating Nano-Lithium® treatment for terrazzo, natural stone and polished concrete surfaces formulated specifically for surfaces that will be grinded and polished. This environmentally friendly treatment also reduces alkalinity (efflorescence), improves overall abrasion resistance and reduces dusting.

Field of Application:

For the treatment of ground and polished absorbent marble, natural stone, lime stone, sandstone, granite or concrete.

Size	Sales Unit	Art No.
5 l	2	1 33 08 *
25 l	1	1 33 06 *

Colour: Slightly turbid

NEW!



Stone Strengthener K

Very liquid, 1-component product, weather-resistant, does not yellow, penetrates extremely well, free of solvents

Application:

Used for strengthening sandstone. The colour tone and the ability of the stone to breathe remain unaltered.

Size	Sales Unit	Art No.
1 l	6	1 13 20 *

PROTECTION - after laying

Premium Protection not colour intensifying



Stain Repellent Nano-Effect

Outstanding impregnation on the basis of high-quality, organic substances, foodsafe (certified by an external German testing institute). Beginning of protective effect (20°C): 10-20 min.

Field of Application:

A special impregnation which strongly repels water, grease and oil. Used to protect flooring, table tops and working surfaces made of absorbent natural and artificial stone (s.a. marble, Solnhofer stone, sandstone, fine stoneware). For indoors and outdoors. Prevents the stone from staining spots or makes removing of spots much easier, the stone remains capable of breathing. The protective effect already begins after some minutes and is fully effective after 2-3 hours. Normally the colour of the stone remains unchanged. Special substances work against a laminar wetting through liquid drops. Ball-shaped liquid pearls which lie only selectively on top of the stone surface, run off the surface.

Size	Sales Unit	Art No.
250 ml	1	1 19 31 *
1 l	6	1 19 32 *
5 l	2	1 19 33 *



VIDEO



PEARL Impregnator

Premium impregnation based on organic active agents of high quality, high coverage. Beginning of protective effect (20°C): 10 - 20 min, foodsafe (certified by an external German testing institute)

Premium impregnation with an excellent water-, oil- and grease-repellent effect. Protects natural and artificial stone s.a. marble, limestone, granite, gneiss, sandstone, cotto, terrazzo, quartz, fine stoneware etc. with polished, ground or rough surface. Especially suited for the treatment of light colour marble and limestone surfaces. Areas of application are floors, kitchen coatings, bathrooms (wash tables, shelves, marble tiles in wall and floor areas), tables, window sills, facades (anti-graffiti). By using selected raw materials, a high protective effect with pearl effect is achieved after only 10 - 20 minutes.

Size	Sales Unit	Art No.
250 ml	20	1 23 13 *
1 l	6	1 23 11 *
5 l	2	1 23 12 *



VIDEO

NEW!



Stain Repellent W (water-based)

Impregnation on the basis of a solution dissolved in water. Beginning of protective effect (20°C): 1 - 2 h, foodsafe (certified by an external German testing institute).

A special impregnation which repels water, grease and oil. Used to protect flooring, table tops and working surfaces made of absorbent natural and artificial stone (s.a. marble, Solnhofer stone, sandstone, fine stoneware). For indoors and outdoors. Prevents the stone from staining or makes the removal of spots much easier, the stone remains capable of breathing. The product is free of solvents and has only a faint odour, therefore it is ideal for use in rooms which are already in use. Excellently suitable for application on humid surfaces. Also suited for cotto, terracotta and terres quites surfaces as well as unglazed clay tiles and bricks.

Size	Sales Unit	Art No.
1 l	6	1 08 57 *
5 l	2	1 08 58 *



* Made in India with German Technology
 ** Supplied from Germany

PROTECTION - after laying

Basic Protection not colour intensifying



Hydro Repellent

Impregnation is a ready for use, solvent-free impregnation based on a silane/siloxane mixture emulsified in water.

Field of Application:

Water Based Impregnator is suited to achieve a water and dirt repellent effect on absorbent, mineral substances, It is also very well suited for bricks, sand-limestone and mineral-based plaster.

Size	Sales Unit	Art No.
5 l	2	1 33 07 *
25 l	1	1 32 99 *

NEW!



Stone Impregnation

Impregnation based on silicone

Field of Application:

Penetrates deep into the stone, makes it water-repellent without impairing the vapour permeability. Protects façades from driving rain, causes water to pearl off and is dirt-repellent.

Size	Sales Unit	Art No.
1 l	6	1 08 34 *
5 l	2	1 08 35 *



RAPID Impregnator

impregnation based on organic and organosilicon active ingredients

Field of Application:

For a water- and dirt-repellent treatment on natural and artificial stone with polished, ground and rough surfaces. Very fast onset of the protective effect with very strong pearl effect. Ideal for facades, monuments and tombs.

Size	Sales Unit	Art No.
1 l	6	1 23 02 *
5 l	2	1 23 03 *

NEW!



DURO Impregnator

limestone impregnation, excellent weather resistance, strong reduction of water and dirt absorption during periods of moisture, decreases salting

Field of Application:

Water- and dirt-repellent impregnation for the treatment of absorbent natural and artificial stone, cotto, terrazzo and unglazed ceramic tiles. Especially suited for limestone (Limra, Galala, Volakas, Crema Marfil etc.), marble, brick, lime sandstone, concrete. Strengthens the structure of the stone and increases the weather resistance.

Size	Sales Unit	Art No.
1 l	6	1 20 47 *
5 l	2	1 20 48 *

NEW!

PROTECTION - after laying

Premium protection colour intensifying

Darkener Super

Impregnation which intensifies colour shades extremely well. Beginning of protective effect (20°C): approx. 24-48 h. Foodsafe (certified by an external German testing institute)

Field of Application:

Weather-resistant product with a long-term effect for indoors and outdoors. Especially suited for colour enhancement of dark and black stone (such as Nero Assoluto, Impala black and Galaxy). Weather-resistant product with a long-term effect for indoors and outdoors. Damaged areas (e.g. hairline cracks) can be treated. The surface thus obtains a homogeneous appearance. Especially suited for fine ground and polished stones.

Size	Sales Unit	Art No.
250 ml	20	1 09 39 *
1 l	6	1 09 40 *
5 l	2	1 09 41 *



VIDEO



Transformer Max

Impregnation which intensifies colour shades extremely well. Beginning of protective effect (20°C): approx. 24-48 h

Field of Application:

- For a fast colour intensification and refreshment
- Especially suited to adjust the colour of treated (light) edges and dripping surfaces to that of glazed (dark) surfaces of counter tops
- For natural stone, terrazzo, concrete sahlar and Engineered Stone (quartz-based surfaces)
- For brushed, glazed, fine ground and polish stone surfaces

Size	Sales Unit	Art No.
250 ml	20	1 20 42 *
1 l	6	1 20 43 *



VIDEO



Colour Intensifier

Impregnation which intensifies colour shades extremely well, foodsafe (certified by an external German testing institute). Beginning of protective effect (20°C): approx. 24 h

Field of Application:

Weather-resistant product with a long-term effect for indoors and outdoors. It produces a wet look without a glossy shine. It repels water and dirt and is particularly suitable for rough and absorbent natural and artificial stones.

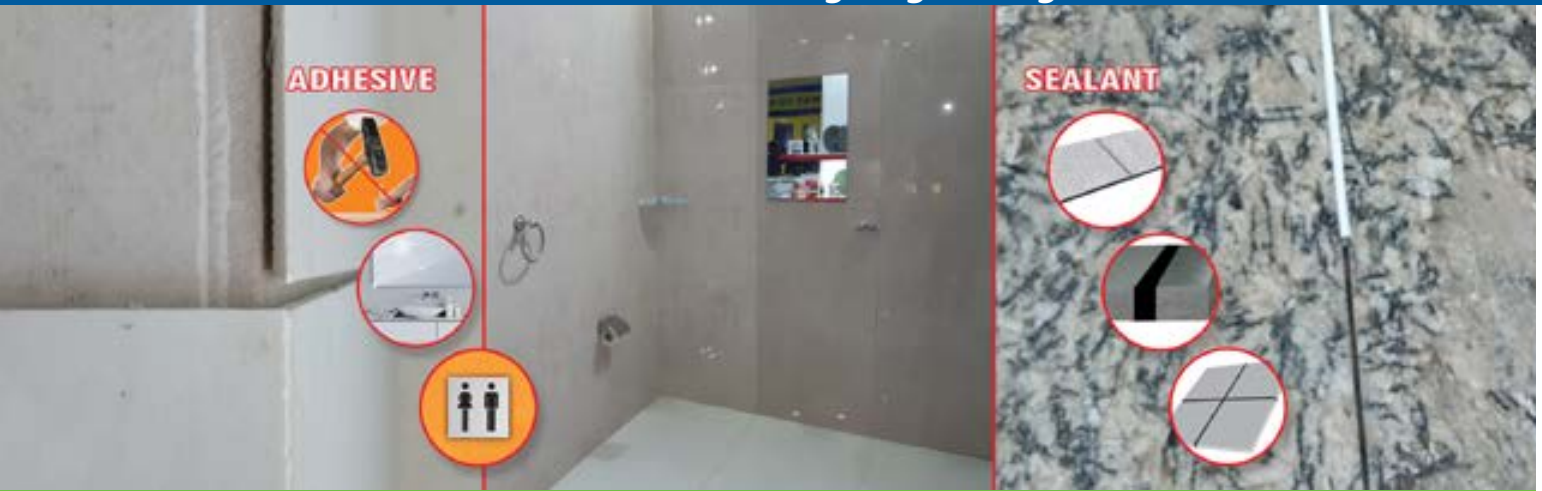
Size	Sales Unit	Art No.
1 l	6	1 08 87 **



* Made in India with German Technology
 ** Supplied from Germany

BONDING, GROUTING, ANCHORING

Elastic bonding & grouting



WONDERNAIL® MULTI PURPOSE ADHESIVE

It holds the substrate instantly, reducing the need for bracing requirement. The material cures in contact with air humidity. It is used to ensure elastic, flexible adhesion between two different or similar surfaces like to bond bathroom accessories, ACP panels, stone or wood decorative, skirting boards, window sills, stripes, thresholds, mirror and isolating material, etc.

Size	Sales Unit	Art No.
290 ml	24	1 31 51*
Colour White		
290 ml	20	1 32 62*
Colour Clear		

NEW!

WONDERNAIL® FLOOR ADHESIVE

It holds the substrate and forms an elastic bond. The material cures in contact with air humidity. The product does not contain water or solvent. Ideal for bonding wood floors to concrete, concrete screeds, cement/sand screeds, anhydrite screeds, plywood, cured levelling compounds, epoxy membrane, OSB (underlayment grade), particle boards, gypsum boards, ceramic tiles, stone, terrazzo, radiant heated subfloors, metal decking, steel, aluminium etc.

Size	Sales Unit	Art No.
600 ml	20	1 31 52*
Colour Brown		

NEW!



BONDING, GROUTING, ANCHORING

Elastic bonding & grouting

WONDERNAIL® CONSTRUCTION SEALANT

Sealant is used to ensure elastic/ Flexible adhesion between two different or similar surfaces. Recommended for sealing concrete joints like wall panel joints, expansion joints, control joints, etc. Facade cladding designed with metal panels or natural stones, anodized aluminum, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel. Suitable for joint filling application, having high strength bonding in various construction and industrial applications, especially applications that will subject to dynamic stresses.

Size	Sales Unit	Art No.
290 ml	20	1 32 63*
Colour: Black		
290 ml	24	1 33 09*
Colour: Grey		

NEW!



WONDERNAIL® MULTIPURPOSE SEALANT

For sealing concrete joints like precast wall panel joints, expansion joints, control joints, connection joints, etc. It is also ideal for window frame perimeter sealing especially when the sealant needs to be painted. Other applications include sealing of GRC panel systems, anodized aluminum, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

Size	Sales Unit	Art No.
290 ml	24	1 33 10*
600 ml	20	1 32 61*
Colour White		

NEW!



Silicon Gun

Hand-operated gun.

Area of Application:

A gun for professionals with a very good transmission ratio and thus comfortable to operate. Pressure release by release lever and pulling back the hand lever.



Aluminium Cylinder Silicon Gun

Hand-operated gun.

Area of Application:

With an aluminium cylinder and mouthpiece for wide-flanged stirrup nozzles.



* Made in India with German Technology
** Supplied from Germany

CLEANING

Basic Cleaning & Maintenance Cleaning



Stone Cleaner

Slightly alkaline, highly concentrated cleaning agent. Free of phosphates and lyes, biodegradable, foodsafe (certified by an external German testing institute)

Field of Application:

For the thorough removal of building dirt. Removes layers of stone polish and wax, slight concrete films, oil and grease, soot and tar stains, residues of synthetic paints as well as plaster on all natural and artificial stones such as marble, travertine, terrazzo, granite, brick and cotto slabs, tiles, fair-faced concrete and fine stoneware.

Size	Sales Unit	Art No.
1 l	6	1 08 12 *
5 l	2	1 08 13 *



VIDEO



Crystal Clean

Cleaning agent made of tensides, auxiliary agents, scents and alcohol which is free of acids, lyes and phosphoric substances, biodegradable, foodsafe (certified by an external German testing institute)

Field of Application:

For the daily removal of slight dirt like for example slight films of oil and grease, road dirt on polished natural and artificial stones as well as on fine stone ware, clinker and ceramics, quartz-based surfaces or similar. Free of streaks and fast drying.

Size	Sales Unit	Art No.
1 l	6	1 09 55 *
5 l	2	1 09 56 *



Mild Stone Soap

A Special product for the regular cleaning and care of nature and artificial stone. Regular use protects the stone, preserves structure and colour. Also suited for cotto, terracotta and terres quites surfaces as well as unglazed clay tiles and bricks.

Size	Sales Unit	Art No.
1 l	6	1 31 24 *
5 l	2	1 31 25 *

CLEANING

Maintenance & Special Cleaning



Algae and Moss Remover POWER

Fast-acting, slightly alkaline cleaner which is solventless

Field of Application:

Immediately and thoroughly removes natural layers and discolouration caused by blossoms and leaves, bird droppings and other kinds of dirt from grave stones, walls, stone-slab footpaths and other stone surfaces such as marble, granite, concrete and other natural stones.

Size	Sales Unit	Art No.
1 l	6	1 08 32 **



VIDEO



Good-Bye Stain

Ready-to-use, rapidly effective, slightly alkaline cleaning agent based on active chlorine compounds

Field of Application:

For rapid and thorough removal of organic dis-colouring or stains caused by fruit- and vegetable juices, coffee, tea, red wine, tobacco, leaves or blossoms, berries, blood, hair dye, felt-tip pens etc. on mineral surfaces such as marble, granite, concrete ashlar, quartz, ceramics.

Size	Sales Unit	Art No.
500 ml	6	1 21 09 **

NEW!



VIDEO





Rust Remover Marble

Ready for use, slightly alkaline cleaning agent

Field of Application:

For the removal of superficial rust stains produced by ferrous substances or objects (fertilizers, tools, iron parts etc.) on natural and artificial stone or concrete ashlar being sensitive to solvents. Ideal for marble or lime stone surfaces already laid or ready to be laid. Can be applied punctually on stone surfaces because no changes appear.

Size	Sales Unit	Art No.
500 ml	12	1 08 99 **



VIDEO



Rust Remover

Concentrated cleaning agent, acidiferous. Free of hydrochloric acid, biodegradable.

Field of Application:

Enables rust and rust stains to be removed effortlessly from acid-resistant natural and artificial stone. In addition, rusty metal inclusions in natural stone (granite) are automatically transformed with a long-term protective effect. Not suitable for limestone and other natural stones which are not resistant to acids!

Size	Sales Unit	Art No.
1 l	6	1 08 14 **
1 l (paste)	6	1 08 24 **



Cement Film Remover - free of hydrochloric acid

Concentrated cleaning agent on the basis of organic acids with non-ionic surfactants and auxiliary agents, no corrosive vapours, free of solvents, low odour.

Field of Application:

Removes cement film mortar and lime residues on fine stoneware, natural stone, clinker and ceramic surfaces which are resistant to solvents.

Size	Sales Unit	Art No.
1 l	6	1 19 85 *
5 l	2	1 19 86 *

CLEANING

Special Cleaning

Epoxy Remover

Remove joint mortar based on epoxy resins, residues of resins, sealing, adhesives and similar staining on natural stone, concrete ashlar, clinker and ceramics indoors and outdoors. Easy application also on vertical surfaces due to liquid, slightly gel-like consistency.

<u>Size</u>	<u>Sales Unit</u>	<u>Art No.</u>
1 l	6	1 19 83 **



CLEANER I WIPE

Akemi Cleaner I Wipe is designed for cleaning and degrease surfaces prior to application of paints and adhesives. It removes dirt, grease and oil without damaging surfaces. Leaves no film or residue. It is best for release of most adhesives such as stickers and double side tapes. For cleaning surfaces like mirrors, glass, metal panels, anodized aluminum, GRC panel systems, coated metal, epoxy and polyester panels, ACP & HPL sheets, UPVC, stainless steel, etc.

<u>Size</u>	<u>Sales Unit</u>	<u>Art No.</u>
1 unit	25	1 32 40*



NEW!

Instructions for use

1. Open pouch by peeling back seal and remove wipe.
2. Immediately use wipe to clean the surfaces. Discard in trash after use as per recommended procedure.

* Made in India with German Technology

** Supplied from Germany

SURFACE TREATMENT

Maintenance of Natural Stone

Basic Crystallizer AK1

Used to improve the surface and appearance of new as well as old floor coverings made of limestone (e.g. marble, travertine) or cement-bound cast stone (e.g. terrazzo). As a result of a chemical reaction the surface's resistance to wear and is increased even more. Active substances increase the lustre, enhance the colour and the same time reduces the hazard of slipping.

Size	Sales Unit	Art No.
1 l	6	1 31 20 *
5 l	2	1 31 21 *



Finish Crystallizer AK2

After pre-treatment with Basic Crystallizer AK 1 the Finish Crystallizer AK 2 is used to improve the surface and appearance of new as well as old floor coverings made of milestone (e.g. terrazzo). A well-balanced combination of chemical substances additionally increases the lustre, enhances the colour and at the same time reduces the hazard of slipping. Matt spots and tread marks can be polished away by repeating the crystallisation.

Size	Sales Unit	Art No.
1 l	6	1 31 22 *
5 l	2	1 31 23 *



Liqui Polish Marble

Ready-to-use polishing fluid for machine application used to increase the lustre of polished soft stone. The lustre of edges, draining boards and small surfaces can easily be finished. Reliefs, tombstones, balustrades can be polished. The product is used in the industrial production and suitable for brightening up already laid flooring. Application also on surfaces with residual moisture.

Size	Sales Unit	Art No.
1 l	6	1 18 10 **
1 l	6	1 18 15 **



Light: for light soft stone, s.a. limestone (travertine), marble and onyx
Dark: for dark soft stone, s.a. limestone (travertine)

Liqui Polish Granite

Ready-to-use polishing fluid for machine application used to increase the lustre of polished hard stone. The lustre of edges, draining boards and small surfaces can easily be finished. Reliefs, tombstones, balustrades can be polished. The product is used in the industrial production and suitable for brightening up already laid flooring. Application also on surfaces with residual moisture.

Size	Sales Unit	Art No.
1 l	6	1 18 00 **
1 l	6	1 18 05 **
1 l	6	1 18 20 **



Light: for light hard stone, s.a. Kashmir White, Bethel White etc.
Dark: for coloured hard stone, s.a. Juparana, Labrador etc.
Black: for black hard stone, s.a. Nero Impala, Negro Orientale etc.



CARE PRODUCT

Sealing and caring of natural stone

Stone Sealer Satin Finish

Sealer which contains solvents and high-grade acrylic resins. It is weather-resistant and non-yellowing.

Field of Application:

The colourless acrylic coating provides long-term protection and is water and dirt-resistant. It is used to seal porous and absorbent surfaces. Colours and structures appear more intensive. On account of the sealed surface, the stone is easier to care for. Preferably used indoors.

Size	Sales Unit	Art No.
1l	6	1 08 38 **



Super-Gloss

High-gloss lacquer made of high-quality synthetic resins and waxes, very strong colour intensification, stable to yellowing, fast drying.

Field of Application:

For re-working of rough, ground, porous and absorbent natural and artificial stone surfaces. Especially suited for surfaces on which mechanical polishing is difficult or impossible due to their condition or position, e.g. edges, corners, reliefs, statues, frescos, columns or borders.

Size	Sales Unit	Art No.
250 ml	20	1 20 39 *
750 ml	6	1 09 76 *



Polishing Fluid No. 10-2012

Fast-drying product. Contains solvents, high-quality waxes and synthetic resins (free of trichloroethylene and CHC), intensifies the colour of the stone.

Field of Application:

Polishing and care product to protect all kinds of natural and artificial stone. It can be polished up well and renewed as required. For indoor use.

Size	Sales Unit	Art No.
250 ml	20	1 08 23 *
1 l	6	1 08 20 *



Solid Wax

Hard wax for the treatment of horizontal and vertical surfaces like window sills, titles, corners and edges made of fine ground or polished natural and artificial stones like marbles, granite, slate, travertine, terrazzo and agгло. Produces a long-lasting gloss, closes fine scratches, intensities natural colour and structure. Can be used indoors and outdoors.

Consumption: approx. 30-60 m²/liter

Size	Sales Unit	Art No.
900ml can	6	1 19 00 **
Colour: transparent		
900ml can	6	1 19 05 **
Colour: black		



* Made in India with German Technology
** Supplied from Germany

ACCESSORIES

Cleaning & Polishing

Accessories Liqui Polish



Liqui Polish Pad

Polishing pad for AKEMI Liqui Polish. Suitable for floor grinding machines, hand grinding machines and angle grinders.

Size	Sales Unit	Art No.
1 Pc	12	101 67 *

AKE-PAD

A REVOLUTIONARY WAY TO POLISH MARBLE FLOORS

NEW!

PROPERTIES

- ◆ Pads made with a Mix of high quality flexible synthetic fabric & special resin diamond paste.
- ◆ 8 diamond segment placed in a 17inch pads provides closest scratch pattern.
- ◆ High Area performance / Long durability.
- ◆ Uniform Polish with No scratch possibility.
- ◆ Faster system saves time and efforts of machine operator.
- ◆ Back side of the pad can be used for buffing & cleaning of the floor.

ADVANTAGES:

- ✓ No chance of scratch.
- ✓ Faster system Saves Time.
- ✓ Special resin diamonds for higher Gloss.
- ✓ Longer Life.
- ✓ Can be used from both sides.
- ✓ Low load on the machines.

Product Name	AKE-PAD 1# Grit value 400 Art No	AKE-PAD 2# Grit value 800 Art No	AKE-PAD 3# Grit value 1500 Art No	AKE-PAD 4# Grit value 3000 Art No	AKE-PAD 5# Grit value 5000 Art No	AKE-PAD WHITE Art No
Coverage	Approx. 3500-4500 sq ft	Approx. 3500-4500 sq ft	Approx. 4000-5000 sq ft	Approx. 5000-6000 sq ft	Approx. 5000-6000 sq ft	Approx. 3500-4500 sq ft

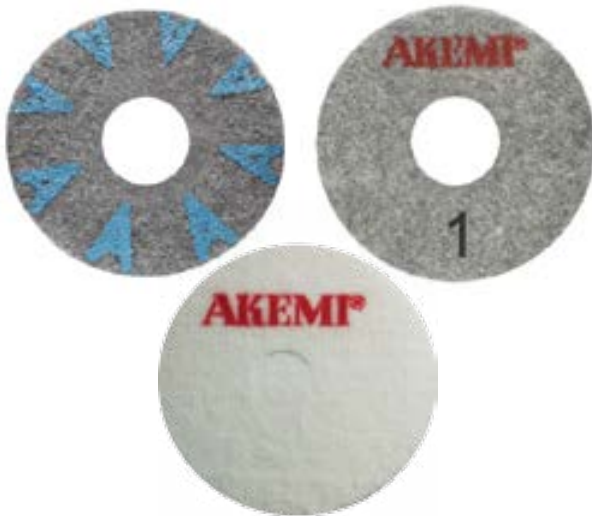
Recommended

Machine required : Normal single Disc Machine/Scrubber Dirier Machines.

Size: 17 to 20 inch.

Speed: 150 - 500 rpm

Weight: 20 to 80 kgs



DIAMOND POLISHING GRITS-4 INCH



JOB REFERENCE

Airport Delhi, India

Cleaning and impregnation

AKEMI products used: Stone Cleaner, Stain Repellent Super, Protector



Sheikh Zayed Mosque, Abu Dhabi, U.A.E.

Bonding and impregnation

AKEMI products used: AKEPOX[®] 5010, Stain Repellent Super



Abu Simbel Temple, Egypt

Restoration

AKEMI product used: Marble Filler 1000 Universal



Borobudur Temple, Indonesia

Restoration

AKEMI product used: Marble Filler 1000



Guggenheim Museum, Bilbao, Spain

Restoration

AKEMI products used: AKEPOX[®] 2030, Marble Filler 1000 S-Soft



University of Doha, Doha, Katar

Treatment of natural stone surfaces indoors and outdoors

AKEMI product used: Anti-Stain Coating 2015



Olympic Stadium Luzhniki, Moscow, Russia

Restoration of granite floors and stairs

AKEMI product used: Colour Intensifier



MAS Museum aan de Stroom, Antwerp, Belgium

Bonding of mitre joints on the sandstone façade

AKEMI product used: AKEPOX[®] 2030



JOB REFERENCE

JOB REFERENCES

Vegas Mall, Delhi

PVR Cinema, Delhi

The Amaryllis, Delhi

Vanijya Bhawan, Delhi

NCIPM, New Delhi

DLF Camellias, Gurgaon

DLF Crest, Gurgaon

Pioneer Araya, Gurgaon

SVSU, Palwal

Radisson Hotel, Faridabad

Lodha Park, Mumbai

Lodha Florenza, Mumbai

DAICEC project BKC, Mumbai

Reliance Twin tower, Navi Mumbai

Corporate Office, Mumbai

The Ritz-Carlton Hotel, Pune

Prestige West Woods, Bangalore

Prestige Waterford, Bangalore

Prestige Augusta Golf Village,

Bangalore

Sobha Indraprastha, Bangalore

Learning To Fly, Bangalore

Park Cubix, Bangalore

ITC Royal Bengal, Kolkata

The 42, Kolkata

Zen Project, Kolkata

Aurus, Kolkata

Atmosphere, Kolkata

Urbana, Kolkata

Inova, Gurgaon

Zydus Caddila Corporate House,

Ahmedabad

Shivalik Green, Ahmedabad

B Safal Seventy, Ahmedabad

Revera I, Ahmedabad

Shivalik Height, Ahmedabad

Arjun Sky, Ahmedabad

B Safal Platinum Tower, Ahmedabad

Sky City, Ahmedabad

Hotel Taj, Ahmedabad

Hotel Marriot, Ahmedabad

& Many More.....

AKEMI products used:

Gelofix, L-special, Polysoft, Nano, Akepox 1005

L-special, Akepox 5010, Protector

Polysoft, Akepox 1005, Nano

Wondernail MPA, Akepox 1005

Wondernail MPS

Akepox 5010, Everclear 510, L-special, Protector, Akepox 1005,

Crack Bond, Stone Sil-Plus, Stone Sil 200, Stone Sil 800

Akepox 5010, L-special, Protector, Akepox 1005, Crack Bond,

Stone Sil Plus, Stone Sil 200, Stone Sil 800

Akepox 5010, Akepox 1005, Rust Remver, Stone Sil 200, Stone Sil 800

Wondernail MPA, AKEMI Cleaner I

Wondernail MPA

L-special, Polysoft Dark

L-special

Stain repellent Nano, Akepox 5010, Akepox 1005, Rust remover Marble, stone cleaners

Protector, Akepox 5010, Stain repellent Nano

Protector, Akepox 5010, Nano

Akepox 2015, Nano

Mastic, Stone Sil 200

Mastic, Stone Sil 200

Mastic, Stone Sil 200

L-special, Protector, Nano, Stone Impregnator, Darkner Super

L-special, Protector, Nano, Crack Bond

L-special, Crack Bond

Stone impregation, Polysoft

Crack bond, Protector, Pigment, L-special

Stone Sil 200, Stone sil 800

Stone Sil 200, Stone sil 800

Akepox 5010, Crack bond water clear

Crack bond, Stone Sil 200, Mastic

Gelofix, Pigment, Akepox 1005

L-special

Akepox 1005, Nano

Mastic, Akepox 1005, Stone Impregnation

Akepox 5010, L-special, Crack bond, Stone sil 200, Protector

Mastic Transperent, Akepox 1004

Akepox 1005, Nano, Stone sil 200

Darkener Super, Stone Impregnation

Darkener Super

Akepox 1005

Protector, Akepox 1005

APPLICATION GUIDE

	INDOOR	OUTDOOR
STEP I Pre-Protection (before laying)	Protector (All 6 sides)	Anti-Stain Coating 2015 (Only backside)
STEP II Joint Filling or Big Cracks	White/Light/Onyx	Colour Marble
	<ul style="list-style-type: none"> • L-special • AKEPOX® 5010 • Everclear 510 	<ul style="list-style-type: none"> • Same as white with colouring tint • AKEPOX® CLARO/GELOFIX® Crystal/GELOFIX® Regular/GELOFIX® Gel 500 • Mastic (Soft/liquid)
STEP III For fine Cracks/pin holes (After Grinding till 200 grids)	White/light/Onyx	Colour Marble
	<ul style="list-style-type: none"> • Crack Bond Waterclear • AKEPOX® 5000 • Everclear 505 	<ul style="list-style-type: none"> • Same as white with colouring tint • AKEPOX® 1005/ AKEPOX® 1006 • Mastic (liquid)
STEP IV Densification (After Grinding till 200 grids)	Apply Akemi Stone Sil-200 (to strengthen the Marble/Stone inside)	
STEP IV Densification (After Grinding till 800 grids)	Apply Akemi Stone Sil-800 (It is required, for very fragile/weak marble or stone)	
STEP V Cleaning	Akemi Stone Cleaner (For intensive cleaning after Polishing is complete, if required)	
STEP VI Final Protection (Protect and preserve natural stone)	Akemi Stain Repellent Nano-Effect / PEARL Impregnator (Oil & Water repellent) or Akemi Impregnator/ Akemi RAPID Impregnator (Only Water repellent). Akemi Darkener Super/Akemi Transformer MAX (Colour enhancement & Water repellent).	



Protect and preserve natural stone VIDEO

CONSUMPTION TABLES

Protection - before laying

Product	Mixing Ratio	Size	Sales Unit	Article No.	Coverage
Anti-Stain Coating 2015 Colour: grey	2:1	15 kg Unit	1	11717	75 - 100 m ²
Protector		5 l can	2	11938	25 - 100 m ²

Protection - after laying

Product	Size	Sales Unit	Article No.	Coverage
PREMIUM PROTECTION				
Stain Repellent Nano-Effect	5 l can	2	11933	50 - 100 m ²
Darkener Super	5 l can	2	10941	50 - 100 m ²
Stain Repellent Super	1 l	6	10950	5-20 m ²
PEARL Impregnator	1 l	6	12311	30-35 m ²
Transformer Max	1 l	6	12043	30-50 m ²
Colour Intensifier	1 l	6	10887	10-20 m ²
BASIC PROTECTION				
Stone Impregnation	5 l can	2	10835	25 - 100 m ²

Basic cleaning

Product	Size	Sales Unit	Article No.	Coverage	
				undiluted	diluted
Stone Cleaner	5 l can (concentrate)	2	10813	50 - 100 m ²	2500 m ²

Maintenance cleaning

Product	Size	Sales Unit	Article No.	Coverage diluted
Crystal Clean	5 l can (concentrate)	2	10956	7500 m ²
Mild Stone Soap	5l	2	13125	20-40 ml in 10 ltr.

Surface Treatment

Basic Crystallizer AK1	1l	6	13120	50-100 m ²	
Finish CrystallizerAK2	1l	6	13122	50-100 m ²	
Liqui Polish Marble	1l	6	11810	15-20 m ²	
Liqui Polish Granite	1l	6	11800	15-20 m ²	

Special cleaning

Product	Size	Sales Unit	Article No.	Coverage	
				undiluted	diluted 1:10
Acid Cleaner - free of hydrochloric acid	5 l can	2	11986	75 - 100 m ²	2000 m ²
Algae and Moss Remover POWER	5 l can	2	10833	75 - 200 m ²	x

Stain removal

Product	Size	Sales Unit	Article No.	Coverage undiluted
Rust Remover	5 l can	2	10815	50 - 100 m ²
Rust Remover Paste	1 l	6	10824	0.25-0.5 m ²
Rust Remover Marble	0.5 l bottle	12	10899	7.5 m ²
Epoxy Remover	1 l	6	11983	1-10 m ²

CONSUMPTION TABLE

Bonding of floor joints / polishable, filing*

Product	AKEPOX® 5010	AKEPOX® 5010	Everclear 225	Everclear 510	Polysoft		AKEPOX® 1005	
	2.25 kg can	400 ml cartridge	400 ml cartridge	400 ml cartridge	coloured 1.65 kg can	transparent 1.05 kg can	1.25 kg can	
Joint width	2 mm	approx. 75 m	approx. 16 m	approx. 16 m	approx. 16 m	approx. 36 m	approx. 36 m	approx. 44 m
	3 mm	approx. 56 m	approx. 12 m	approx. 12 m	approx. 12 m	approx. 27 m	approx. 27 m	approx. 33 m
	4 mm	approx. 38 m	approx. 8 m	approx. 8 m	approx. 8 m	approx. 18 m	approx. 18 m	approx. 22 m



* (filling depth of 1 cm)

Mitre Bonding (45°)

Product	AKEPOX® 5010	AKEPOX® 5010	Everclear 225	Everclear 510	Polysoft		
	2.25 kg can	400 ml cartridge	400 ml cartridge	400 ml cartridge	coloured 1.65 kg can	transparent 1.05 kg can	
Slab thickness	2 mm	approx. 80 m	approx. 20 m	approx. 20 m	approx. 20 m	35 - 45 m	35 - 45 m
	3 mm	approx. 60 m	approx. 15 m	approx. 15 m	approx. 15 m	26 - 34 m	26 - 34 m
	4 mm	approx. 40 m	approx. 12 m	approx. 12 m	approx. 12 m	18 - 23 m	18 - 23 m



Elastic filling of joints

Product	Wondernail Sealent & Adhesive		
Width	Depth	Coverage (290 ml)*	Coverage (600 ml)*
6 mm	6 mm	7.32 meter	15.15 meter
10 mm	10 mm	2.64 meter	5.45 meter
20 mm	10 mm	1.32 meter	2.73 meter
25 mm	12 mm	0.88 meter	1.82 meter

Product	Size	Sales Unit	Coverage (600 ml)*
Flooring adhesive	600ml	20	4-5 sq.ft.



Consumption Calculator VIDEO

Care Instruction



A natural stone countertop is nothing less than the showpiece of your kitchen. Each countertop is unique and gives your kitchen a warm, exclusive character. This material requires proper care and is given its natural beauty if being treated correctly. We assume in our Care Instruction that the stone is already pretreated by a professional with an impregnation (stain repellent or colour intensifier).

We distinguish porous and calcareous stones, such as marble (that are reasonably sensitive to staining) and granites that are harder and acid-resistant.

Maintaining your natural stone with regularity and care with the following products ensure good protection against stains, and a well maintained countertop.



VIDEO

1 Daily cleaning

AKEMI® Crystal Clean Spray

► the cleaner for every day



- Multi-purpose cleaning spray for daily use. pH-neutral, leaves no stripes and dries quickly.
- Can also be used for cleaning of vitro-ceramic stoves, glass, plastics, stainless steel and fittings.



1. Shake well before use, then open the spray nozzle.



2. Spray surface to be treated evenly.



3. Clean surface with a clean and dry cloth.



- In case of heavy soiling we recommend AKEMI® Natural Stone Intensive Cleaner or specialised cleaners (more informationen at www.akemi.com).

2 Monthly care

AKEMI® Triple Effect Spray

► cleans, cares and protects



- This care spray cleans, cares and protects. It supports and supplements the efficacy of occurring impregnations in an excellent way.
- After use, a peral effect prevents dirt from penetrating easily into the stone..



1. Shake well before use, then open the spray nozzle.



2. Optimum working temperature: 15 - 25°C. Spray surface to be treated evenly.



3. Clean surface with a clean and lint-free cloth after max. 5 minutes, until streaks or film are no longer visible.



- Excess product and excessive use may deposit a film (this can be removed with AKEMI® Cleaner I).

3 Intensive Cleaning

AKEMI® Natural Stone Intensive Cleaner

► for intensive and powerful cleaning



- This ready-for-use cleaning spray is suitable for an intensive cleaning of food remnants, slight oil and grease stains on natural stone counter tops, sinks etc.



1. Spray surface to be treated evenly.



2. Spread with a damp cloth or sponge and allow to work. Do not allow to dry!



3. Remove remaining dirt with a damp cloth.



- In case of heavy soiling reapply AKEMI® Natural Stone Intensive Cleaner and let it soak for 5-10 minutes. If necessary use a brush.
- For normal soiling and daily care use AKEMI® Crystal Clean.

4 Application of impregnations

AKEMI® Stain Repellent Nano-Effect or AKEMI® Darkener Super

We recommend impregnating natural stone kitchen countertops regularly with an AKEMI® stain repellent product (colourless) or colour intensifier (darkens the colour), depending on customer's requirement.

► We recommend an annual impregnation treatment in case of stain-sensitive (e.g. marble) and intensively used kitchen countertops. For less stain-sensitive and/or less intensively used kitchen countertops, every 3 to 5 years.



■ Impregnations prevent water, wine, oil, grease and general dirt from penetrating into the surface. They do not close off the surface completely, but minimise the pores ensuring that the natural stone continues to breathe. The dirt remains on top of the surface.



1. Shake bottle well before use.



2. Do not dilute the ready-to-use product. Excess material can be dissolved with the same product.



3. Apply product to a clean, dust- and grease-free, dry surface.

2 layers wet-in-wet with a +/- 10 minutes application time are generally sufficient (application time depends on the product; see Technical Data Sheet for respective product). The product must be applied thinly and evenly with a cloth, brush or the user-friendly AKEMI® Impregnation Pad.



4. The last layer may not dry up and should be wiped dry and repolished with an absorbent cloth to remove the film.

► Coverage on natural stone is on the average 10 - 20 m² per litre.



- If the impregnation dries up before it is wiped dry, remoisten the countertop with the impregnation and wipe dry afterwards. For more information refer to the Technical Data Sheet of the respective product.
- Attention: Impregnations do not protect against acid stains (e.g. orange juice) on stones which are sensitive to acids (e.g. marble).

5 Gloss refreshing of polished natural stone

AKEMI® Stone Polish silicone-based



■ This polish ensures a beautiful gloss and colour structure. Also removes slight scratches and adhesive dirt. AKEMI® Stone Polish silicone-based makes it low maintenance and water-repellent.



1. Shake bottle well before use.



2. Apply thinly with a soft cloth and let it dry.



3. Then polish with a soft cloth or polishing cotton either mechanically or manually.



- AKEMI® Stone Polish silicone-based is only suitable for polished or smooth surfaces.
- Slight colour intensification possible.



The recommended AKEMI-products are provided with a foodsafe certificate! They have been carefully selected, tested in our laboratory and meet highest requirements.



Please follow the instructions on AKEMI product labelling and the Technical Data Sheets at www.akemi.com. For questions please call +49 (0)911 - 642960 or send an e-mail to: info@akemi.de

STONE CARE RECOMMENDATION

Impregnation	1	2	3	4	5	6	7	8
Colour intensifying		◆		◆	★	■	■	■
Foodsafe		■	■	◆	■	■	■	■
Oil- and grease repellent		■	◆	■	■			
Kitchen counter tops			■	■	■			■
Breathability	■	■	■	■	■	■	■	■
Surfaces with residual humidity			◆					
Odour during processing			★					●
Water- and dirt repellent	■	■	◆	■	■	■	■	■
Protection against paint scrawling		◆		◆	◆	◆		
Fast development of efficiency		■						■
Preserves the natural appearance	◆	■	◆		■			
Durability on limestone	◆	◆	◆	◆	◆	◆	◆	◆

Sealing	1	2						
Colour intensifying	■	■						
Water repellent	◆	◆						
Brilliant	■	■						

Care	1	2	3	4	5	6		
Brilliance on fire ground surfaces	■	■						
Freshens up brilliance	■	■	◆		◆			
Water repellent	■	■	■	◆				
Foodsafe			■	■				
Regular Care						■		
Window sills			■	◆				
Maintains the value of Polished surfaces due to maintenance cleaning				■	■	◆		
Water-based					■			

Surface Treatment	1	2	3					
Chemical		■	■					
Mechanical	■							
Polishing of edges/milling	■							
Subsequent polishing of laid surfaces	■		◆					
Freshens up brilliance of polished surfaces	■	◆	■					
Freshens up brilliance of ground/fine ground surfaces	◆	■	◆					

Stone Colouring	1	2						
Mixable with Stone Ink	■							
Water- and dirt repellent	■							
Colour intensifying	■							
Mixable with Darkener Plus		■						

- | | | | |
|--------------------------------------|--------------------------------------|--|-----------------|
| 1 Stone Impregnation | 1 Stone Sealer Satin Finish | 1 Liqui Polish Marble/ Liqui Polish Granite | ■ Very suitable |
| 2 Pearl Impregnator | 2 Super-Gloss | 2 Basic Crystallizer AK1 | ◆ Suitable |
| 3 Stain Repellent W | 1 Solid Wax | 3 Finish Crystallizer AK2 | ● Low |
| 4 Stain Repellent Super | 2 Polishing Fluid No.10-2012 | 1 Darkner Plus | ★ None |
| 5 Stain Repellent Nano-effect | 3 Stone Polish Silicone-based | 2 Stone Ink | |
| 6 Colour Intensifier | 4 Triple effect spray | | |
| 7 Darkener Super | 5 Stone Polish Wax-based | | |
| 8 Transformer Max | 6 Mild Stone Soap | | |



AKEMI® -Stain Guide

- for concrete blocks and natural stone
- ceramic tiles and fine stone ware
- indoors and outdoors

The AKEMI-Stain Guide offers non-binding recommendations and does not guarantee that all the stains mentioned here can be removed completely. Before any of these products are used, they should be tested in order to check their compatibility. Please consult the technical data sheets of the individual products for the exact method of application.

stains	AKEMI-solution
algae	● Algae and Moss Remover POWER ◇ Algae and Moss Remover LONGLIFE
ball-pen tint	● Graffiti Remover
berries	● Algae and Moss Remover POWER
blood	● Stone Cleaner
blossom stains	● Algae and Moss Remover POWER
candle wax	● scrape off the most, then Wax Stripper, where required apply compress
care product residues / self-shining coatings	● Stone Cleaner ◇ Ceramics Intensive Cleaner ^{*3}
carpet-/masking tape	● Universal Dilution Cleaner A ◇ Concrete Film Remover ^{**1/2/4} ◇ Acid Cleaner ^{**1/2/3/4} ◇ Stone Cleaner
cement film	● Concrete Film Remover ^{**1/2/4} ◇ Acid Cleaner ^{**1/2/3/4} ◇ Stone Cleaner
cleaning agent (residues/ layers)	● Acid Cleaner ^{**1/2/3/4} ● Ceramics Intensive Cleaner ^{*3}
cleaning of joints	● Stone Cleaner ^{*2} ◇ Ceramics Intensive Cleaner ^{*3}
cocoa	● Stone Cleaner ◇ Algae and Moss Remover POWER
coffee	● Algae and Moss Remover POWER
colour intensifier, wrongly applied	● Impregnation Remover
discolorations caused by wrong silicone	● remove silicone, then Oil- and Grease Remover Paste
efflorescence / salpêtre	● Concrete Film Remover ^{**1/2/4} ◇ Acid Cleaner ^{**1/2/3/4}
fat	● Oil- and Grease Remover Paste ◇ Wax Stripper
felt-tip pen	● clean with Cleaner I first, then remove residues with Algae and Moss Remover POWER
fertilizer	● Rust Remover ^{**1/4}
food stains (encrustations)	● Stone Cleaner
fresh emulsion paint	● Stone Cleaner and warm water
fruit	● Algae and Moss Remover POWER
fruit juice (discoloration)	● Algae and Moss Remover POWER
graffiti	● Graffiti Remover
grass stains (discoloration)	● Algae and Moss Remover POWER
hair gel / hairspray	● Stone Cleaner ◇ Ceramics Intensive Cleaner ^{*3}
impregnation, wrongly applied	● Impregnation Remover
ink	● Algae and Moss Remover POWER
ink-pad tint	● Graffiti Remover
jam / marmelade	● Stone Cleaner and warm water
limestone scale	● Disinfectant Cleaner ^{**1/4} ◇ Urine Scale and Limescale Remover ^{**1/4} ◇ Acid Cleaner ^{**1/2/3/4}
lipstick	● clean with Cleaner I first, then remove remains with Stone Cleaner

stains	AKEMI-solution
Maggi	● Algae and Moss Remover POWER
mildew / mould stains	● Ceramics Mildew Remover
motor oil	● Oil- and Grease Remover Paste
nail varnish	● Cleaner A ◇ Graffiti Remover
Nutella	● wipe roughly, Stone Cleaner ◇ Oil- and Grease Remover Paste ◇ Wax Stripper
organic discoloration caused by leaves and blossoms	● Algae and Moss Remover POWER
organic layers	● Algae and Moss Remover LONGLIFE ◇ Algae and Moss Remover POWER
paint	● Graffiti Remover
pencil marks	● Stone Cleaner
petroleum	● Oil- and Grease Remover Paste, remains with Algae and Moss Remover POWER
PU-foam	● clean mechanically first, remains with Epoxy-Remover
red wine	● Algae and Moss Remover POWER
residues of epoxy resins	● Epoxy-Remover
residues of fillers and resins	● Epoxy-Remover ◇ Cleaner A
road salt	● remove mechanically, then Stone Cleaner and warm water
rubber „skid“ marks (shoe soles, car tyres)	● Stone Cleaner ◇ Ceramics Intensive Cleaner ^{*3}
rust	● horizontal surfaces, Rust Remover ^{**1/4} ● vertical surfaces, Rust Remover Paste ^{**1/4}
rust (superficially) on limestone / marble	● Rust Remover Marble
sealing products	● Epoxy-Remover ◇ Cleaner A
shoe polish	● clean with kitchen tissue, then Oil- and Grease Remover Paste ◇ Wax Stripper hot water and ● Disinfectant Cleaner ^{**1/4} ◇ Urine Scale and Limescale Remover ^{**1/4}
soap	● Disinfectant Cleaner ^{**1/4} ◇ Urine Scale and Limescale Remover ^{**1/4}
soot	● Stone Cleaner ◇ Ceramics Intensive Cleaner ^{*3}
spices	● Algae and Moss Remover POWER ◇ Stone Cleaner
tanning agent	● Algae and Moss Remover POWER
traces of mortar	● Concrete Film Remover ^{**1/2/4} ◇ Acid Cleaner ^{**1/2/3/4} ◇ Stone Cleaner
tree resin	● Wax Stripper
tree sap	● Algae and Moss Remover POWER
vegetable stains	● Algae and Moss Remover POWER
waxes	● Wax Stripper
waxy care products	● Wax Stripper ◇ Ceramics Intensive Cleaner
wet cartons	● Algae and Moss Remover POWER



Stain Guide VIDEO

● = best solution, ◇ = alternativ solution, *1 = do not use on polished or ground limestone and concrete, *2 = for natural stone, *3 = for ceramic tiles, *4 = do not use on surfaces sensitive to acids



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