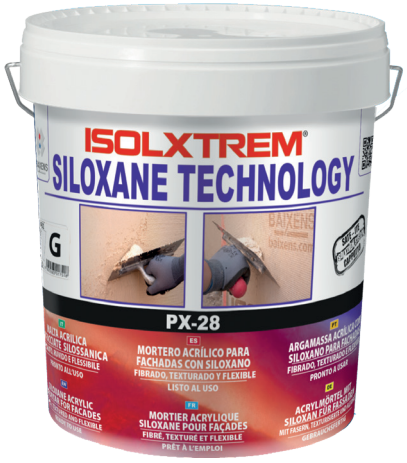
PX-28G

ISOLXTREM® SYSTEM

SILOXANE TECHNOLOGY - G

Textured, flexible and waterproofing acrylic mortar with siloxanic components suitable for completion of thermal acoustic insulation systems outside (SATE). Thick finish.



EXTERIOR

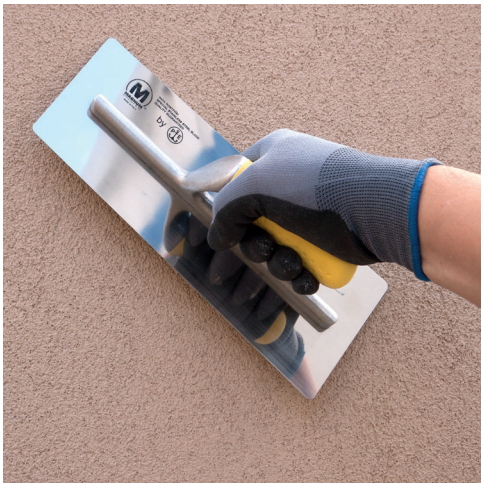
INFORMATION ON DIRECTIVE 2004/42/EC

CATEGORY i1, HIGH PERFORMANCE COMPONENT COATINGS, WATERBASED

Limit: 140 g/l VOC (2007); 140 g/l VOC (2010)
This product contains max. 28.00 g/l VOC.

CODE (EN 16566):

G3S4V3W3A0C0R0



SURFACES

Cement, stone, brick, concrete, absorbent or semi-absorbent surfaces commonly used in construction, provided that our RX-528 Isolxtrem Microprimer has been previously applied.

Surfaces must be sound, dry, cohesive, absorbent, well-adhered, clean and free of dust.

CHARACTERISTICS

- Easy application and high load capacity.
- Waterproof product.
- Self-cleaning effect.
- No cracking or flaws.
- Contains additives that prevent development of microorganisms.
- Ready-to-use.
- Maximum grain size: 2000 µm (2mm).
- Finish within the range: thick.
- A flexible, anti-cracking product.
- A waterproof, breathable product.
- High performance.
- PX-28G is approved according to ETAG 004 - ETE 15/0015.

IDEAL FOR

- Waterproofing and decorating façades.
- Finishing in external thermal insulation systems (SATE).
- Improvement of the insulating power of the thermal insulation system (SATE).

PX-28G

ISOLXTREM® SYSTEM

SILOXANE TECHNOLOGY - G

DRY FILM PROPERTIES

Its special compositional characteristics give the resulting dry film exceptional adhesion, hardness and flexibility properties. The result is a waterproof, flexible membrane that adheres to the support and adapts to its shape without joints or splices. Under normal drying conditions, it cures fully after 28 days and from that point on offers optimal resistance values against physical phenomena such as abrasion, chemical phenomena such as corrosion produced by carbon and sulphur dioxide, and meteorological phenomena such as rain and even UV radiation from the sun. During the 28 days following the application of the coating, its film is in the reticulation phase, and is susceptible to attack by external agents (rain, ice, snow, strong wind, high environmental humidity, etc.). Before application, the weather forecast must be consulted.

ON-SITE APPLICATION

SURFACE PREPARATION

The surface must be sound, clean and free of any trace of saltpetre, fungi, microorganisms, grease, release oils and, in general, any type of material that could make it difficult for the product to adhere to the foundation.

CLEANING

When the surfaces present traces of fungi, algae or other microorganisms you must initially apply a curative treatment with our **RX-526 CLEAN ENERGY.** Apply the product to the surface to be treated and after 5-10 minutes of action clean the surface using a pressurised water machine or with a hard bristle brush.

Then, once the surface is completely dry, **RX-524 CLEAN MICRO** should be applied until the surface is completely impregnated. This preventive treatment is very effective and prevents future presence of microorganisms.

If there are saltpetre stains on the surface to be treated, carry out an initial cleaning process with our **RX-523 CLEAN SAL**, applying the material and then scraping it with a hard bristle brush. After mechanically cleaning the surface, it will need to be rinsed with plenty of clean water in order to neutralise any **CLEAN SAL** residue that may remain on the surface.

Any grease or oil must be completely eliminated to allow the product to adhere correctly to the surface. Therefore, we recommend using **RX-527 CLEAN OIL** for proper and complete elimination of these substances.

DIRECTIONS FOR USE

Ready-to-use material. Do not dilute. It is advisable to remove it before use. (See photo on page 1). **PX-28G** should always be applied over RX-528 Isolxtrem Microprimer.

APPLICATION AS AN ACRYLIC MORTARO

It is advisable to work on foundations with good planimetry. All areas of a façade subject to stress (such as expansion joints) must be reinforced with fibreglass mesh (which must be alkali-resistant) (see photo no. 7) to prevent the plaster from cracking. The mesh will remain inside (plaster-mesh-plaster) (see photo no. 9) and will extend approximately 25 centimetres each side of these joints which are subject to stress. Recommended mesh: RG-116 Isolxtrem Microprimer.

Apply the product with a wide or flat spatula (see photos no. 2 and 3). The application is always done vertically from bottom to top, applying material and removing the excess. (See photo on page 4). Joints are made in reverse, from top to bottom.

PX-28M

ISOLXTREM® SYSTEM

SILOXANE TECHNOLOGY - G

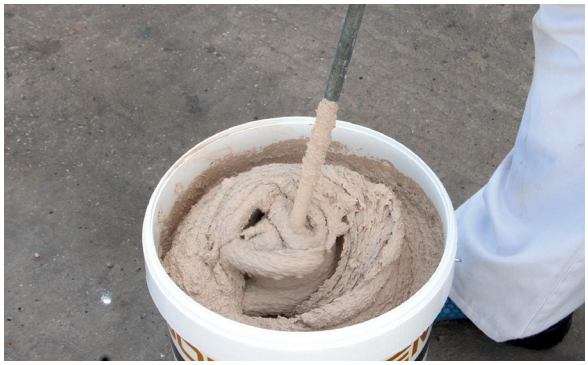
ON-SITE APPLICATION

APPLICATION AS SATE SYSTEM

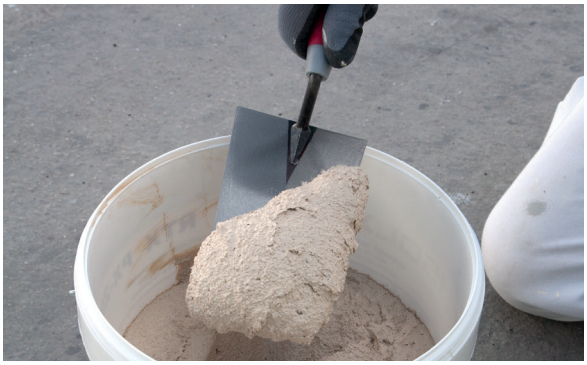
The product must be spread on RX-528 Isolxtrem Microprimer of the same chosen shade with the help of a large trowel (see photo no. 4) and then smoothed (see photo no. 5) and then floated on the surface until a uniform, aesthetically pleasing surface is obtained. (See photo on page 6).

APPLICATION AS ANTI-CRACKING SYSTEM

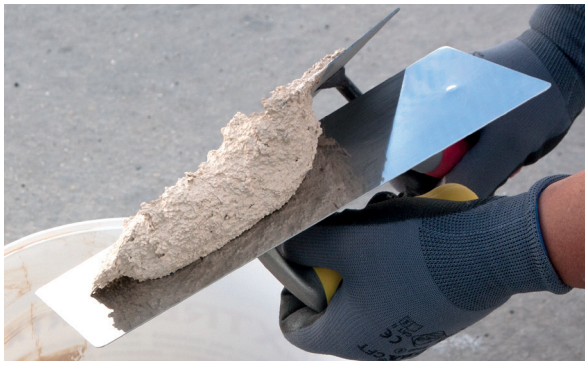
If you wish to use the product as an anti-cracking system, apply an initial coat of PX-28 Isolxtrem SILOXANE TECHNOLOGY G (see photo no. 4) and without letting it dry, position the RG-116 Isolxtrem System reinforcing mesh, pressing it lightly with the help of a spatula or with the same trowel, making it penetrate the first coat of PX-28 Isolxtrem SILOXANE TECHNOLOGY G , (see photo no. 7) and then apply another coat of product fresh-on-fresh that covers it completely (see photos no. 8 and 9). Finally, float the product, (see photo no. 6), leaving a flat, waterproof and decorated surface. (See photo on page 10).



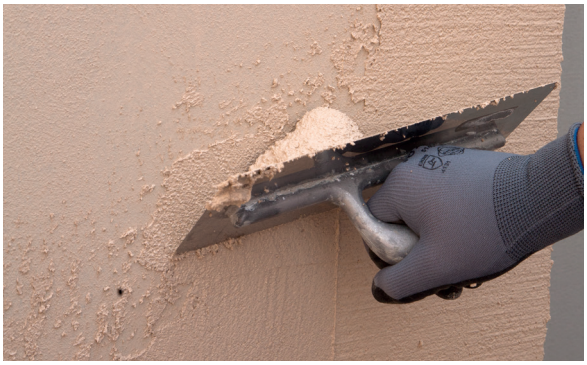
1. Remove the PX-28 Isolxtrem SILOXANE TECHNOLOGY G before use.



2. Remove the PX-28 Isolxtrem SILOXANE TECHNOLOGY G with the help of a pallet.



3. Place PX-28 Isolxtrem SILOXANE TECHNOLOGY G on the trowel.



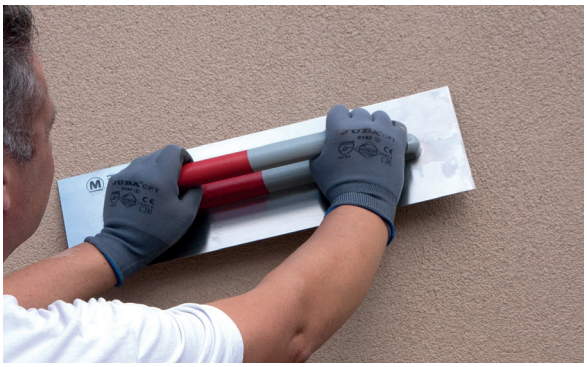
4. Apply PX-28 Isolxtrem SILOXANE TECHNOLOGY G on the surface.

PX-28G

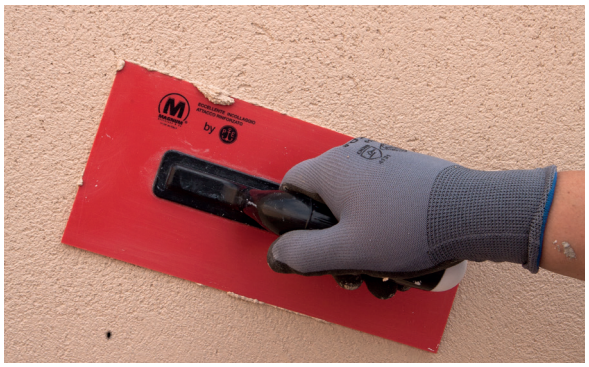
ISOLXTREM® SYSTEM

SILOXANE TECHNOLOGY - G

ON-SITE APPLICATION

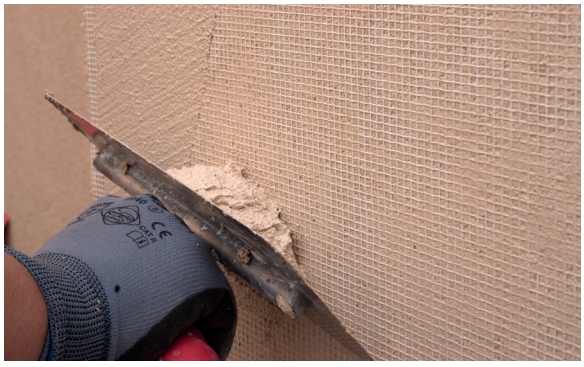


5. Smooth the PX-28 Isolxtrem SILOXANE TECHNOLOGY G

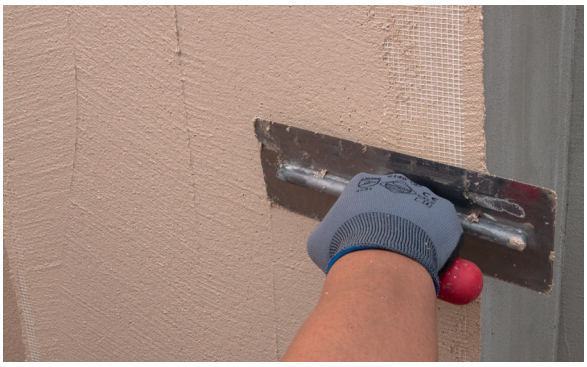


6. Trowel the PX-28 Isolxtrem SILOXANE TECHNOLOGY G

7. Lay the RG-116 Isolxtrem System mesh.



8. Cover the screen with PX-28 Isolxtrem SILOXANE TECHNOLOGY G



9. Smooth the PX-28 Isolxtrem SILOXANE TECHNOLOGY G deposited on the mesh.

10. Final finishing of the PX-28 Isolxtrem SILOXANE TECHNOLOGY G

TECHNICAL CHARACTERISTICS

Adherence on cement and paint surfaces - 2 mm layer	Initial adhesion (28d): More than 0.9 MPa
	Ageing with heat: More than 1.7 MPa

PX-28G

ISOLXTREM® SYSTEM

SILOXANE TECHNOLOGY - G

TECHNICAL CHARACTERISTICS

Density	1.64 ± 0.07 g/ml
Maximum granulometry	2000 µm
pH	8.5 - 9.5
Thermal conductivity (S/UNE-EN 1745:2002)	0.48 W/mK
Average value of the apparent dry density	1447 Kg/m²
Solids	77 - 81 %

Coefficient of water vapour permeability (S/UNE-EN 1015-19)	µ = 4.07
Deep drying times	(*)
Tool cleaning	water
Minimum yield per layer	1.40 l/m²
Information on Directive 2004/42/EC - Category i1	140 g/l (2007) - 140 g/l (2010) Cov content 28 g/l maximum
Viscosity	150000-215000 Cp (A/7/10)

Water permeability after freeze-thaw cycles (S/UNE-EN 1015-21) ml/cm² 48h	1 cm thick	Concrete surface 0,07

(*) Under normal drying conditions, the product will reach its optimum performance after 28 days (total cross-linking). During the 28 days following the application of the product, the coating film remains susceptible to attack by external agents (rain, snow, etc.).
Consult the weather forecast and try to ensure favourable environmental conditions during its application and throughout the following 7 days (without rain, ice or snow), in order for the product to achieve sufficient resistance.

INFORMATION OF INTEREST

The manufacturing process of the coatings is controlled by batch, allowing traceability in the event of any incident. The quality system used includes each article's design and production controls, both in terms of the raw materials used, guaranteeing uniform manufacturing, and the final item obtained. The use of ecotechnologies in our facilities' manufacturing processes allows for efficient work, without damaging the environment that surrounds us.

- Non-flammable product.
- Avoid bringing the product into contact with skin and eyes.
- Smoking, eating and drinking must be prohibited in the application area.
- Comply with legislation concerning health and safety at work.
- Keep the product in a dry place, in original containers that are kept properly closed
- Store the containers at between 5 °C and 35 °C.
- Recommended storage time: 12 months from the date of manufacture in its original packaging, protected from moisture.

For further information on protective measures and first aid, please refer to the product's Safety Data Sheet.

PX-28G

ISOLXTREM® SYSTEM

SILOXANE TECHNOLOGY - G

COMMENTS

- For appropriate use and correct application of the product, it is essential to first read the technical data sheet.
- The data provided in this data sheet are for guidance only and should not be considered binding. The data have been obtained in normal laboratory conditions and on standardised surfaces, and may vary depending on the application conditions (absorption of the surface, applied thickness, temperature, environmental humidity, etc.). The intervals displayed have been shaped by measurement history. Slight deviations from the ranges presented in this technical sheet, whether higher or lower, will be accepted according to internal technical criteria and will not result in a loss of quality or affect the performance of the final product, as they are due to (among other factors) variations in measurement conditions and the uncertainty associated with the instruments used.
- User working conditions are beyond our control.
- The product must not be used for purposes other than those specified. It is advisable to follow strictly the recommendations for use.
- It is essential that the condition of the surfaces be assessed prior to each application.
- Do not mix the product with any material, as it will not retain its technical characteristics.
- Do not wet the surfaces before applying.
- Do not apply on non-absorbent surfaces.
- Avoid excessive heat and/or wind that could cause early water evaporation, as this may lead to cracking and loss of strength.
- Do not apply the product under unfavourable environmental conditions (e.g. strong winds, or where there are risks of rain or frost). If applied, use covers or application curtains.
- The technical department of **ESTABLECIMIENTOS BAIXENS** states that the designs of recently launched new products are considered to be in an experimental phase until an annual history can be defined. From then on, the newly designed product is considered to be fully consolidated within the market. In the meantime, **BAIXENS** reserves the right to adapt its variable specifications or working ranges according to technical criteria. The data subject to modification will be marked with an asterisk for easy identification. These may be recently created products and/or products that are in an experimental phase or undergoing improvements to our various ranges due to market needs and/or demands.
- Use the product within its useful lifetime. Beyond this time, unfavourable properties may arise
- Our technical-commercial team is at your disposal to advise you regarding any doubts or queries.

PACKAGING

FORMAT	15 l.	4 l.
UNIT/BOX	–	-
PALLETS	33 CANS	120 CANS

Internal Code	PX28GNF2178A20

BAIXENS
baixens.com

Testing the difference

BAIXENS ESPAÑA
POL. IND. MONCARRA, S/N
46230 ALGINET (VALENCIA)
T.: 961.750.834
F.: 961.752.471

BAIXENS FRANCE
14, RUE DU PONT NEUF
75001 PARIS (FRANCE)
T.: 0.800.90.14.37
F.: 0.800.90.20.52

BAIXENS ITALIA / BULOVA
VIA PIETRO NENNI, 36
46019 CICOGNARA - MANTOVA (ITALY)
T.: 0375/88181/790016 F.: 0375/88831
www.bulova-pennelli.com

BAIXENS PORTUGAL / ARGATINTAS
AVENIDA PORTAS DO MINHO, Nº 711
4760 - 706 RIBEIRÃO,
V.N. FAMALICÃO
T.: 252 910 030
www.argatintas.pt