

## PX-20L

## ISOLXTREM® SYSTEM

## RTX - L

An elastic, textured, acrylic mortar with great insulation power, for use in the external water-proofing and thermal and acoustic insulation of substrates (ETICS).



## SUBSTRATES

Cement, stone, brick, concrete and absorbent or semi-absorbent facings normally found in construction.

Over RX-528 Isolxtrem Microprimer.

## PROPERTIES AND USES

- Easy to apply and has great covering power.
- Water-resistant product.
- Self-cleaning effect.
- Makes it possible to level exterior walls.
- Makes it possible to obtain rustic substrates.
- Does not crack or break.
- Protects substrates from carbonation.
- Suitable as a finish for external thermal insulation composite systems (ETICS).
- Colour chart available.
- Contains additives that prevent the development of micro-organisms.
- Ready-to-use product.
- Grain size: 500 µm (0.5 mm).
- Refined finish.
- Elastic, crack-resistant product.
- Breathable, impermeable product.
- High yield.
- Reduces heat and cold loss.
- Reduces airborne and impact noise.
- Complement for improving the insulation power of external thermal insulation composite system (ETICS)
- Minimises echo and reverberation.



CODE (EN 16566):

**G3S3V3W3A0C0R0**



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## USE IN CONSTRUCTION

### PREPARING THE SUBSTRATE

The substrate must be sound, clean, consistent, free from damp and all traces of saltpetre, fungi, micro-organisms, dust, grease and any type of material that could prevent the product from adhering to it correctly.

### DIRECTIONS FOR USE

Ready-to-use product. Use undiluted. Stir before use. (See photo no. 1).

### USE AS AN ACRYLIC MORTAR

It is advisable to work with extremely flat substrates. All areas of a facade subject to stress (such as expansion joints) must be reinforced with fibreglass mesh (resistant to alkalinity) (see photo no. 7) to prevent the plaster from cracking. The mesh must remain on the inside (plaster-mesh-plaster) (see photo no. 9) and protrude approximately 25 cm from each side of the joints subject to stress. Recommended mesh: RG-116 Isolxtrem System.

Apply the product with a wide spatula or trowel (see photos 2 and 3). Always apply vertically, working upwards and continually applying new material, while removing superfluous material. (See photo no. 4). Joints should be plastered in the opposite direction; i.e. with downward strokes.

### USE AS AN ETICS SYSTEM

Apply over RX-528 Isolxtrem Microprimer primer in the same chosen shade, using a large trowel (see photo nº 4); then level the product (see photo no. 5) and apply to the substrate with the trowel until the surface is smooth and even. (See photo no. 6).

### USE AS AN ANTI-CRACKING SYSTEM

If the product is to be used to prevent cracking, apply a base coat of PX-20 Isolxtrem RTX (see photo no. 4) and while still wet, install the RG-116 Isolxtrem System reinforced mesh, pressing it slightly with a spatula or the trowel, to ensure it penetrates into the first coat of PX-20 Isolxtrem RTX, (see photo no. 7). then apply another coat of the product until it is completely covered (see photos 8 and 9). Lastly, apply the product with a trowel (see photo no. 6), leaving a flat, smooth, decorative surface. (See photo no. 10).



1. Stir the PX-20 Isolxtrem RTX L before use.



2. Remove the PX-20 Isolxtrem RtX L using a trowel.



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3. Place the PX-20 Isolxtrem RTX L on the trowel.



4. Apply the PX-20 Isolxtrem RTX L to the substrate.



5. Smooth the PX-20 Isolxtrem RTX L.



6. Apply the PX-20 Isolxtrem RTX L with a trowel.



7. Install the RG-116 Isolxtrem System mesh.



8. Cover the mesh with PX-20 Isolxtrem RTX L.



9. Smooth the PX-20 Isolxtrem RTX L deposited on the mesh.



10. PX-20 Isolxtrem RTX L final finish.



## TECHNICAL CHARACTERISTICS

Density (AS PER ITE CI/53-L)	0.90 ± 0.07 g/l	Water vapour permeability coefficient (AS PER UNE-EN 1015-19)	$\mu = 1.99$
Grain size	500 $\mu\text{m}$	Through-drying times (AS PER ITE CI/52-L)	(*)
pH (AS PER ITE CI/18-L)	7.5 - 8.5	Cleaning of tools	With water
Thermal conductivity (AS PER UNE-EN 1745:2002)	0.155 W/mK	Yield (AS PER ITE CI/62-L) kg/m <sup>2</sup> in applied thickness of 1.5 mm	0.70 l/m <sup>2</sup>
Mean apparent density value when dry (AS PER UNE-EN 1015-10)	627 kg/m <sup>2</sup>	Information regarding the Directive 2004/42/EC - Category i1	140 g/l (2007) - 140 g/l (2010). Voc content 30 g/l maximum
Adherence (AS PER ITE CI/34-L) with force-measuring instrument 1210 AE - 5kN-B on cement substrates / coat of paint of 2 mm		Initial adherence (28d): Higher than 1.2 MPa	
		Ageing due to heat: Higher than 2.7 MPa	
Permeability to water following water absorption due to capillarity action test (AS PER UNE-EN 1015-21) ml/cm <sup>2</sup> 48 h		thickness of 1 cm	Concrete substrate: 0.23

(\*) Under normal drying conditions, the product will reach its optimum performance after 28 days (total crosslinking). During the 28 days following the application of the product, the elastomer film is still susceptible to attack by external agents (rain, snow, etc.).

Consult the weather forecast and respect an application under favorable environmental conditions, during its application and 7 days later (without rain, ice or snow), so that the product reaches a sufficient resistance.

## USEFUL INFORMATION

The **ISOLXTREM** line manufacturing process is controlled by batches, thus permitting traceability in the event of an incident. The quality system used includes the design of each of the articles and controls in manufacturing it, on both the raw materials used, thus strengthening uniformity of manufacture and on the final product obtained. The use of ecotechnologies in the manufacturing processes of our premises enable the work to be performed efficiently and without harming the environment.

- Non-flammable product.
- Prevent the product from coming into contact with skin and eyes.
- It is prohibited to smoke, eat and drink in the application area.
- Comply with the occupational hygiene and safety legislation.
- Store the product in a dry place in its original containers and keep tightly closed.
- Store containers at between 5 °C and 35 °C.
- Recommended storage time: 12 months from the date of manufacture.

For more information about protection measures and first aid, consult the Product Safety Data Sheet.



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## OBSERVATIONS

- To ensure the adequate and correct use of the product, read the technical data sheet before use.
- The information furnished in this technical data sheet was obtained under normal laboratory conditions and on standardised substrate. It may vary, depending on the site conditions (substrate absorption, thickness applied, mixing water, temperature and ambient humidity).
- The working conditions of users fall outside our control.
- Do not use the product for any purposes other than those specified. You are recommended to carefully follow the directions for use.
- It is essential to inspect the state of the substrate base before each application.
- Do not mix with any material, as it will not maintain its technical characteristics.
- Do not wet the substrates before applying.
- Do not apply to non-absorbent substrates.
- Avoid excess heat and/or wind, which could cause the early evaporation of the water, causing cracking and loss of strength in the product.
- Do not apply the product in unfavourable weather conditions (strong wind, risk of rain or freezing). In the event of applying, use application covers or canvases.
- The technical department of **ESTABLECIMIENTOS BAIXENS** informs users that new launch designs are considered to be at an experimental stage until one year after use. From that time on the newly-designed product is considered fully consolidated on the market. Until then **BAIXENS** reserves the right to adapt their variable specifications or operating limits, based on technical criteria. All data subject to modification will be marked with an asterisk at the top to make them easy to identify. They may be newly-created products and/or products at an experimental stage, or improvements to our product ranges, due to market needs and/or requirements.
- Use the product within its period of useful life. If used after this period, negative properties may result.
- Our technical sales staff will advise you if you have any doubts or queries.

## PACKAGING

FORMAT	15 l	4 l.
UNITS PER BOX	—	—
PALLETS	33 CONTAINERS	120 CONTAINERS



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