

PX-23

ISOLXTREM®

## IMPER-SOUND

This waterproofing membrane is recommended to prevent water infiltration, as well as to thermally and acoustically insulate vertical and horizontal walls and edges of slabs.



### 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. 25,78 g/l VOC.

## SURFACES

All types of horizontal and vertical surfaces made of cement.  
Concrete, prefabricated cement, cellular concrete, fibrocement, cladding tiles, Catalan tiles, slabs and other absorbent elements used in construction.

## CHARACTERISTICS

- Great flexibility.
- White product.
- High insulating microsphere content.
- Lightweight product.
- Contains an ANTI-MOLD preservative.
- Noise reduction on walls.
- Isolation of slab edges.
- Improvement of thermal insulation in interiors and exteriors.
- Reduction of contrast between hot and cold areas.
- Waterproof.
- Water vapour permeable.
- Excellent adhesion to absorbent surfaces.
- Anti-reverberation product.
- Significant energy savings on air conditioning and heating.
- Anti-carbonation product.
- It increases the dew point of interior surfaces where it has been applied (report 19/21497-2711).

## IDEAL FOR

- Weatherproofing terraces, façades and courtyards.
- Can be applied during new-build construction and during repair and refurbishment when a product is needed that acts as a thermal bridge break at the edges of floors, structures and pillars.
- Moisture control, penetration protection and increased resistance for concrete structures according to UNE-EN 1504-2.



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### DRY FILM PROPERTIES

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Its special compositional characteristics give the resulting dry film exceptional insulating properties to sound and temperature (hot - cold). Under normal drying conditions, it reaches full curing after 28 days, offering from then on optimum waterproofing, thermo-acoustic insulation and anti-reverberation values.

### ON-SITE APPLICATION

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#### 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 surface.

#### CLEANING

If surfaces present traces of fungi, algae or other type of micro-organisms, we first proceed to 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 steel bristled 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 micro-organisms.

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 bristle brush. After mechanically cleaning the surface, it will need to be rinsed with 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 correct and total elimination of these substances.

#### CRACK RENOVATION

**TREATMENT OF FISSURES OR CRACKS SMALLER THAN 2 MM:** For the treatment of small cracks it will not be necessary to carry out any specific repair process, it will simply be necessary to apply **PX-23 ISOLXTREM IMPER-SOUND** as, due to its thixotropy, it is capable of penetrating them, sealing them.

**TREATMENT OF FISSURES OR CRACKS LARGER THAN 2 MM:** If on the surface we observe the appearance of cracks of more than 2mm, we must open them, fix the inside of them with our **RX-501 SOLVENT-BASED FIJAPREN**, let them dry for at least 4 hours, and then fill them with **PX-23 ISOLXTREM IMPER-SOUND**, which, due to its elastic component, allows the absorption of structural movements. After, leave to dry for at least 24 hours

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## ON-SITE APPLICATION

### DIRECTIONS FOR USE

Application of the product can be made by brush, wool, wire or foam roller, brush, trowel or airless machine with nozzle 4.29, 4.31, 5.29, 5.31, 6.29 or 6.3, keeping a distance of 70 cm from the surface. For correct waterproofing and sealing of the surface it is necessary to apply a minimum wet application of 1.5 mm thickness, or in other words, a minimum quantity of 1.6 l/m<sup>2</sup>.

The established application procedures vary depending on the type of surface and the desired form of application, and are described below:

### MANUAL APPLICATION ON ABSORBENT SURFACES

#### CONTINUOUS APPLICATION

Apply a first coat of **PX-23 ISOLXTREM IMPER-SOUND** on the surface so that it fully covers the surface to be treated. While still wet, incorporate **RG-104** fibreglass mesh into the first layer of material. Without letting dry, apply a second coat of finish.

### AIRLESS APPLICATION ON ABSORBENT SURFACES

#### PHASED APPROACH

Apply a first coat of **PX-23 ISOLXTREM IMPER-SOUND** on the surface so that it fully covers the surface to be treated. Allow to dry. Apply a second coat of **PX-23 ISOLXTREM IMPER-SOUND** finishing coat, so that it fully covers the first coat.

In any case, make sure that the quantity applied is at least 1.6 l/m<sup>2</sup>.

### APPLICATION ON NOT VERY ABSORBENT BASES

Apply on the surface a first coat of our **RX-504 CONCRETE IMPRIVAL** adhesive sealant bridge, at a rate of 350 to 400 g/m<sup>2</sup> until completely covering the surface to be waterproofed. It is necessary to deposit on the surface a uniform thickness of **RX-504 CONCRETE IMPRIVAL** that fully covers the base, without leaving it visible. Next, and within 72 hours, proceed to apply the **PX-23 ISOLXTREM IMPER-SOUND** following one of the application systems mentioned above.

## TECHNICAL CHARACTERISTICS

Density	1.20 ± 0.07	Drying times (on hollow brick with 500 g/m <sup>2</sup> throughput)	To the touch: 15' - 30' In depth: 45' - 60'
Performance of a 1 mm coat	Horizontal surfaces: 2 l/m <sup>2</sup> Vertical surfaces: 1 l/m <sup>2</sup>	Tool cleaning	With water
pH	7.0 - 8.0	Brookfield Viscosity	25000 - 38000 (A/6/10)
Thermal conductivity (EN 12664)	0.185 W/m.k	Information on Directive 2004/42/EC - Category i1	140 g/l (2007) - 140 g/l (2010). VOC content 25.78 g/l maximum
Content of solids	57 - 62 %	Hazardous substances (EN ISO 7783)	Complies to 5.3 EN 1504-2

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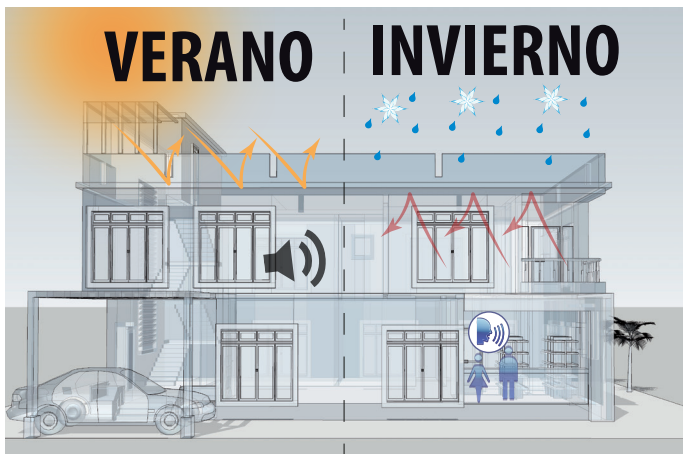
### IMPER-SOUND

#### TECHNICAL CHARACTERISTICS

Direct tensile adhesion (EN 1542)	$\geq 1.0$ MPa
Capillary absorption and liquid water permeability (EN 1062 - 3)	$< 0,1$ Kg/(m <sup>2</sup> · h <sup>0,5</sup> )
Water vapour permeability (EN ISO 7783)	Class 1
CO <sub>2</sub> permeability (EN 1062-6)	$S_D > 50$ m



Example of a building treated with **PX-23 ISOLXTREM IMPER-SOUND** in which it can be seen that the only points of heat loss are the doors and windows, leaving the entire horizontal and vertical surface completely thermally and acoustically insulated.



- Silicone free product.
- Prevents mould and mildew from forming on the coating.
- Elastic-protective coating that provides impermeability to rainwater and environmental humidity, remaining unalterable outdoors.
- Water vapour permeable.
- Fully washable.
- High filling capacity.
- Resistant to alkalinity of surface.
- Allows moderate traffic.
- Excellent adhesion on absorbent surfaces.
- Resistant to point exposures to acids and bases.
- Excellent workability.
- Resistant to contraction and expansion movements in surfaces.
- Product can be repainted with water-based, water vapour breathable decorative paints.

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## INFORMATION OF INTEREST

The manufacturing process of waterproofing is controlled in batches, which allows traceability 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 eco-technologies in our facilities' manufacturing processes allows for efficient work, without damaging the environment that surrounds us.

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

For further information on protective measures and first aid, please refer to the product safety data sheet

## COMMENTS

- The data provided in this data sheet are for guidance only and should not be considered binding. The data has been obtained in normal laboratory conditions and on standardised surfaces, and can vary depending on the conditions in which they are applied (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, due, among other factors, to variations in measurement conditions and the uncertainty associated with the instruments used.
- Do not dilute with water or any type of solvent. Ready-to-use material.
- If the surface is in poor condition, it is essential to make the appropriate masonry repairs (repair of flaws, cracks, expansion joints, etc.).
- **PX-23 ISOLXTREM IMPER-SOUND** can be walked on by people, bearing in mind that flat shoes must be worn (moderate traffic). It is strictly forbidden to place objects such as tables, chairs and any other type of furniture or sharp objects that could damage the waterproofing film on the surface waterproofed with **PX-23 ISOLXTREM IMPER-SOUND**.
- Due to the nature of its components it is possible that when walking on **PX-23 ISOLXTREM IMPER-SOUND** you may notice a sticky sensation, this is a natural phenomenon in this product, it is called tacking and will disappear with time.
- In the case of airless application, long periods of inactivity of the machine (30 - 40 min) should be avoided, as the material can dry in some parts of the machinery (nozzles, hose, etc.) and clog it. In cases where long idle times will occur, cleaning of the machine is recommended.
- The airless application of PX-23 IMPER-SOUND produces a rough finish (orange peel effect).
- **PX-23 ISOLXTREM IMPER-SOUND** is formulated for use. It is absolutely forbidden to mix or dilute it with water or any other type of solvent, if it is diluted it will reduce the performance described in the section Technical Data and Characteristics.
- Do not store in cold places (it does not fare well in temperatures below 4°C).
- Do not apply on days when there is a risk of rain, frost or excessive heat.
- The product should not be used for the waterproofing of ponds or drinking water tanks or water in contact with fish or other animals.

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## COMMENTS

- Not suitable for continuous immersion or the waterproofing of swimming pools.
- Do not apply at temperatures lower than 5°C or higher than 35°C
- Maximum ambient humidity during application: 80%
- 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 constituted. From then on, the newly designed product is considered to be fully consolidated in 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 identified with an asterisk for easy identification. These may be recently created products and/or products in an experimental phase or improvements in our various ranges due to market needs and/or demands.
- We place a technical-commercial team at your disposal that will advise you on any doubts or queries.

## PACKAGING

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



Internal code	PX23NF2650A20
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*Testing the difference*

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