

# PX-02

## Imper

### ELASTINE

Acrylic waterproofing intended for the waterproofing and restoration of terraces, roofs and substrates exposed to the exterior.



BEFORE APPLYING THIS PRODUCT  
CHECK OUT THE APPLICATIONS  
MANUAL AND/OR DEMO VIDEO

**INFORMATION ON DIRECTIVE 2004/42/CE**  
CATEGORY i1, ONE COMPONENT WATER-BASED  
HIGH PERFORMANCE COATINGS

Limit: 140g/l COV (2007); 140 g/l COV (2010)  
This product contains: 23,78 g/l COV max.



## SURFACES

Cement, concrete, hollow bricks, Catalan tiles, other absorbent prefabricated materials used in construction.

Surfaces should be free from flaws, dry, cohesive, absorbent, well adhered, clean and free of dust.

## CHARACTERISTICS

- Possibility of product containing fibreglass.
- Washable elastic-protective coating.
- Water vapour permeable.
- Product resistant to moderate traffic or technical access.
- Excellent adhesion.
- Resistant to alkalinity of surfaces.
- Available in 8 colours.
- Coating for damp control.

## IDEAL FOR

- Waterproofing and restoring terraces, decks and outdoor substrates.
- Suitable for waterproofing vertical surfaces.
- Protection of cellular concrete, polyurethane foam and fibre cement boards.



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## DRY FILM PROPERTIES

It's special features of composition, confer to the resulting dry film, exceptional adhesion properties, hardness and elasticity. The result is an impermeable membrane, elastic with great stretching and recovering power that adheres to the substrate adapting to its shapes leaving no joints or splices. Under standard drying conditions it reaches it's total curing in 28 days, offering as from then optimal resistance values to the physical phenomena such as abrasion, chemicals such as corrosion produced by carbon dioxide, sulphurous and meteorological such as rains and U.V. sun rays. 28 days after applying the water-proofer, the elastomer film is in its cross-linking phase and is susceptible to attacks by external agents, (rain, frost, snow, strong winds, high atmospheric humidity, etc.) . Check the weather forecast before applying the product.

## ON-SITE APPLICATION

### SURFACE PREPARATION

The surface should be healthy, clean and free of any trace of saltpetre, fungus, micro-organisms, grease, release oils or whatever other material that could prevent the good adherence of the product itself.

### CLEANSING

When surface shows traces of fungus, algae or other types of micro-organisms, firstly proceed with our healing treatment **RX-526 CLEAN ENERGY**. This is to be applied on the surface to be treated, and after 5 -10 minutes performance, proceed in cleansing the substrate with the aid of a water pressure machine or a hard bristle brush.

Once completely dried, proceed in applying **RX-524 CLEAN MICRO** until it is completely impregnated. This treatment is called preventive, it is very effective and helps to prevent the future appearance of micro-organisms.

In the case of saltpetre stains, proceed in applying our **RX-523 CLEAN SAL**. When the product is dry, scrape the surface with the aid of a hard bristle brush. After the mechanical cleansing of the surface, rinse with clean water in order to neutralize any remaining **CLEAN SAL** residue that could still be on the substrate.

The presence of oils or grease, especially on metal sheets should be completely removed in order to allow a correct adhesion of the product on the substrate. We recommend the use of **RX-527 CLEAN OIL** for the correct and total removal of these substances.

### RENOVATION OF FISSURES

**TREATMENT OF FISSURES OR CRACKS OF SIZES INFERIOR TO 2 MM:** For treating small size fissures no specific process of repairing treatment is necessary. The simple and usual application of **PX-02 ELASTINE** would be necessary, since due to its thixotropy it is able to introduce itself in the fissures in order to produce their sealing.

**TREATMENT OF FISSURES OR CRACKS OF SIZES LARGER THAN 2 MM:** If fissures larger than 2 mm appear on the substrate, these should be opened, fix the inside with our **RX-501 SOLVENT-BASED FIJAPREN**, leave to dry at least for 4 hours and following this , fill them in with **RX-400 RUALAIX ELASTIC**, or with **PX-02 ELASTINE**, whose elastic component, allows the absorption of structural movements. Leave to dry for at least 24 hours.

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## ON-SITE APPLICATION

### DIRECTIONS FOR USE

Application can be carried out by brush, roller, trowel or airless machine (only for the version without incorporated fibre) with nozzle 4.29, 4.31, 5.29, 5.31, 6.29 or 6.31. 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 1.5 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

#### PHASED APPROACH

- Apply a first coat of **ELASTINE** on the surface so that it fully covers the surface to be treated.
- While it remains wet, incorporate a fibreglass cloth into the first layer of material.
- Then, without letting it dry, apply a second coat of finish.

### AIRLESS APPLICATION ON ABSORBENT SURFACES

#### PHASED APPROACH

- Apply a first coat of **ELASTINE** on the surface so that it fully covers the surface to be treated.
- Allow to dry.
- Apply a second coat of **ELASTINE** in a different colour to the first coat applied, so that it fully covers the colour of the first coat. In any case, make sure that the amount applied is at least 1.5 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 **ELASTINE** following one of the application systems mentioned above.

## GUARANTEED PRODUCT

There is a 5 year guarantee, endorsed by an insurance policy, valid only in the case of a correct application of the material.\*

**MANUAL APPLICATION:** The application of the material is uniquely and exclusively considered correct when it has been carried out in two coats to the rate of 1.5 l/m<sup>2</sup> and with the use of fibre-glass veil (always and when it's use on the substrate has been advocated in the current Technical Data Sheet). The applications that involves the burying of the material are not covered by the guarantee.

**AIRLESS APPLICATION:** The application of the material considered correct is when it has been carried out in two coats (using two different colours) always and when a minimum of 1.5 l/m<sup>2</sup> has been used.

(\*) For further information, consult the manual and the application video.

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### DATA & TECHNICAL CHARACTERISTICS

- Silicone-free product.
- Prevents the formation of mold on the coating
- Elastic-protective coating that provides waterproofing from rain water and environmental humidity, remaining unchanged in the open.
- Permeable to water vapour.
- Completely washable.
- Product suitable for protecting aerated concrete, polyurethane foam and fibre-cement sheets.
- Dry film type, elastic with great lengthening power.
- Very resistant to deformations caused by changes in temperature (expansion and shrinkage), absorbing the micro-fissures of the substrate.
- Substrate alkalinity resistant.
- Admits moderate transit or technical access.
- Easy to apply due to its highly viscose texture and it's excellent workability.
- Excellent adhesion on advocated substrates.
- Product re-paintable by itself.

Relative density	1.15 ± 0.07 (g/ml)
Behaviour to fire	E - d0
pH	7.5 - 8.5
Brookfield Viscosity	35000 - 55000 cP (A/6/10)
Cleaning of tools	Use water
Adhesion by direct traction (EN 1542)	≥ 1.5 MPa
Capillary absorption and permeability to liquid water (EN 1062-3)	< 0.1 Kg/ (m <sup>2</sup> ·h <sup>0.5</sup> )
Permeability to water vapour	Class I
Hazardous substances (EN ISO 7783)	Complies to 5.3 of EN 1504.2

TRIALS CARRIED OUT WITH WATERPROOFER OF THICKNESS IN DRY OF 1MM AND 15 DAYS CURING (UNE 53413)	
Tensile strength	1.8 MPa
Ultimate elongation	481%
Bent at low temperatures	No presence of fissures and/or cracks
Behaviour to heat	No presence of fissures and/or cracks
Mass variation	<10%

INFORMATION ON DIRECTIVE 2004/42/CE – CATEGORY I1	
COV LIMIT	COV CONTENT
140 g/l (2007) – 140 g/l (2010)	23,78 g/l maximum

### PACKAGING

FORMAT	15 l	4 l	750 ml
UNITS/BOX	-	-	12
PALLETS	33 CANS	120 CANS	44 BOXES



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## INFORMATION OF INTEREST

The manufacturing process of the waterproofing is controlled by batch, which allows traceability in the case of any incident. The quality control system used includes, the individual design and development of each article, both with the raw materials used confirming manufacturing uniformity, as well as the final product obtained. The use in our facilities of eco-technology in the manufacturing process allows the completion of environmentally friendly efficient work.

- Non-flammable product.
- Avoid the product coming into contact with skin and eyes.
- Smoking, eating or drinking in the area of use should be prohibited.
- Comply with Health and Safety at Work Executive regulations.
- Store the product in a dry place, in its original packaging firmly closed.
- Store the containers between 5°C and 35°C.
- Recommended storage time: 12 months from the date of manufacture in its original packaging and protected from moisture.

For further information on protective measures and first aid, consult the product Safety Data Sheet.

## OBSERVATIONS

- 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 apply on frozen, overheated or wet surfaces, which could cause blistering of the film.
- Do not dilute with water or other solvents (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.).
- Do not wet the surfaces before applying.
- **ELASTINE** can be walked on by people, bearing in mind that flat shoes must be worn (moderate traffic or technical access). It is strictly forbidden to place objects such as tables, chairs or any other type of furniture or object that may damage the waterproofing film on the **ELASTINE** waterproofed surface.
- Due to the nature of its components it is possible that when walking on **ELASTINE** you may feel a sticky sensation, this is a natural phenomenon in this product, it is called tacking and it will disappear with time.
- **ELASTINE** is formulated for use, it is strictly 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 technical data and characteristics section.
- It is important that the product is applied on a surface that is not prone to retaining water pockets. These are highly waterproof products, but are not designed to work submerged in standing water. Moving rainwater does not affect them at all.
- 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.
- Do not use on extremely crystalline surfaces (which are not very absorbent) without carrying out the treatment recommended in the section on on-site application.
- Bases must be strong and absorbent, and must be dry, free of dust, moss, oils or grease and/or any other product capable of hindering adhesion.

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### OBSERVATIONS

- The technical department of **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 accompanied by 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.
- Non-decorative product.
- Product not suitable for waterproofing swimming pools.
- Product not suitable for continuous immersion.

### COLOR CHART

TE-01 WHITE

TE-02 RED

TE-03 ROOF TILE RED

TE-06 GREEN

TE-07 BLUE

TE-08 CEMENT GREY

TE-09 SLATE GREY

TE-10 BLACK

Internal code

PX02NF243A20



**BAIXENS**

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*Testing the difference*

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