

PX-34

Imper

ACRILASTIC PUR

Water-proofer based on binding acrylics and polyurethane for waterproofing and terraces, decks or covers/roofs.



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: < 140 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

- High elasticity and tenacity of the dry film.
- Elastic protective coating with polyurethane component.
- Increased water vapour permeability
- Product resistant to moderate traffic or technical access.
- Excellent adhesion.
- Resistance to the alkalinity of the surface.
- Coating for damp control.
- Anti-carbonation product.
- Water-based product.
- Crack bridging capability.
- Waterproof to liquid water.
- Resistant to atmospheric agents.
- U.V. ray-resistant
- Increased CO2 permeability.
- Possibility of product containing fibreglass.
- Available in 9 colours.



IDEAL FOR

- Waterproofing and refurbishing terraces, decks or covers/roofs and exterior substrates.
- Suitable for waterproofing vertical substrates.
- Protecting aerated concrete, polyurethane foam and fibre-cement sheets.

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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. Its polyurethane content gives the dry finish greater tenacity, greater permeability to carbon dioxide and greater permeability to water vapour. The result is an impermeable membrane 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 the supports present traces of fungi, algae or other types of microorganisms, we will proceed with the curative treatment, first of all, with a quick mold cleaner. This will be applied to the surface to be treated and after 5 -10 minutes of action, the support will be cleaned with the help of a pressurized water machine or with a hard bristle brush. Next, and once the support is completely dry, a broad-spectrum biocide cleaner will be applied until the support is completely impregnated. This treatment is called preventive, it is very effective and serves to prevent the future appearance of microorganisms.

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-34 ACRILASTIC PUR** 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-34 ACRILASTIC PUR**, 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/m².

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 **ACRILASTIC PUR** 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 **ACRILASTIC PUR** on the surface so that it fully covers the surface to be treated.
- Allow to dry.
- Apply a second coat of **ACRILASTIC PUR** 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/m².

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 250 to 300 g/m² 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 **ACRILASTIC PUR** following one of the application systems mentioned above.

For further information, please refer to the application manual and video.

GUARANTEED PRODUCT

There is a 8-year guarantee valid only in the case of correct application of the material*.

* **MANUAL APPLICATION:** The material is only and exclusively considered to be correctly applied with two coats at a minimum rate of 1.5 - 2.0 l/m² and using fibreglass cloth (provided that its use on this surface has been recommended in this technical data sheet). Applications that involve burying the material are not warranted.

* **AIRLESS APPLICATION:** It is considered correct to apply two coats (with the application of two different colours) as long as a minimum of 1.5 - 2.0 l/m² has been used.

* **APPLICATION ON VERTICAL SURFACES (façades and partitions):** The application of two coats at a minimum rate of 1.0 l/m² is considered to be correct.

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DATA & TECHNICAL CHARACTERISTICS

- Silicone-free product.
- 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.
- 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	1.24 ± 0.07 (g/ml)
pH	6.5 - 8.5
Brookfield Viscosity	50000 - 75000 cP (A/6/10)
Cleaning of tools	Use water
Solid contents	58 - 63 %

TEST ACCORDING TO EN ISO 527-1 / EN ISO 527-3	
Tensile strength	≥ 4.5 MPa
Ultimate elongation	≥ 175 %

TEST ACCORDING TO EN 1504-2	
Adhesion by direct traction (EN 1542)	≥ 105 MPa
Capillary absorption and permeability to liquid water (EN 1062-3)	< 0.1 Kg/ (m ² · h ^{0.5})
Permeability to water vapour (EN ISO 7783)	Clase I
Hazardous substances	Complies to 5.3 EN 1504-2
Permeability to CO ₂ (EN 1062-6)	Sd > 50 m

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

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.

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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.
- 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.
- **ACRILASTIC PUR** 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 **ACRILASTIC PUR** waterproofed surface.
- Due to the nature of its components it is possible that when walking on **ACRILASTIC PUR** you may notice a sticky sensation, this is a natural phenomenon in this product, it is called tacking and it will disappear with time.
- **ACRILASTIC PUR** is formulated for use and can be diluted up to a maximum of 10% with clean drinking water. Only for the product without built-in fibre.
- 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.
- Do not apply in temperatures under 5°C and over 35°C.
- Maximum relative humidity: 80 %.
- 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.
- Non-decorative product.
- We place a technical-commercial team at your disposal that will advise you on any doubts or queries.

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COLOR CHART

 TE-01 WHITE	 TE-02 RED
 TE-03 ROOF TILE RED	 TE-05 LEVANTE RED
 TE-06 GREEN	 TE-07 BLUE
 TE-08 CEMENT GREY	 TE-09 SLATE GREY
 TE-10 BLACK	

PACKAGING

FORMAT	15 l	4 l
UNITS/BOX	-	-
PALLETS	33 CANS	120 CANS



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Testing the difference

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