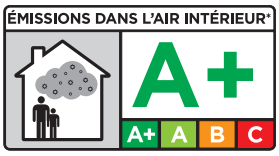
RX-417

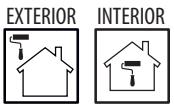
ISOLXTREM®

PINTHERM

Matte acrylic paint, thermo-acoustic insulation, anti-reverberation and anti-condensation.



* information représentative des émissions dans l'air intérieur des substances volatiles présentant un risque de toxicité par inhalation, sur une échelle de classe allant de C (fortes émissions) à A+ (très faibles émissions).



INFORMATION ON DIRECTIVE 2004/42/EC

CATEGORY a1, MATT WALL AND ROOF PRODUCTS (SHINE <25a60°), WATERBASED

Limit: 70 g/l VOC (2007); 30 g/l VOC (2010)
This product contains max. 4,80 g/l VOC.

SURFACES

Rualaix Isolxtrem Interior RX-127, plaster, laminated plasterboards, gypsum, cement, concrete, stippled-finish paints, usual masonry surfaces (absorbent).
Surfaces must be sound, dry, cohesive, absorbent, well-adhered, clean and free of dust.

CHARACTERISTICS

- Good washability.
- Lightweight material.
- It increases the dew point of interior surfaces where it has been applied (report 16/12289-1725).
- Anti-condensation.
- Good coverage
- With ANTIMOWLED preservative, it prevents the appearance of mould, algae and other microorganisms on the surfaces.
- Provides thermal insulation to the surface.
- Provides a reduction in noise intensity.
- The application system of RX-417 on RX-127 provides an enhanced isolation system.
- Water and moisture resistant.
- Breathable product.
- Thermal insulation of hot and cold water pipes.
- Reverberation noise reduction.
- It can be coloured.
- Surfaces treated with RX-417 provide at least 25% more thermal insulation than surfaces treated with a conventional paint.
- RX-417 is approved according to ETAG 004 - ETE 15/0015.

CE 21
BAIXENS
EN 1504-2
REVESTIMIENTO PARA LA PROTECCIÓN SUPERFICIAL DEL HORMIGÓN

IDEAL FOR

- Protection of walls where moisture is generated by condensation.
- Application in premises with high temperatures and environmental humidity (restaurant kitchens, indoor swimming pools, saunas, bathrooms, spas, etc.).

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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 surface.

- Old masonry surfaces

If the surface is made up of non-functional plaster or a powdery elements, the dust on the surface must be cleaned and then **RX-530 FIXATHERM** must be used. Then proceed as for a new masonry surface.

- Painted surfaces

Check if the paint is clean and well adhered. Otherwise, remove all paint by sanding or other suitable method (depending on the substrate), fix the surface with **RX-530 FIXATHERM** and proceed as if it were a new masonry surface.

- Surfaces in need of treatment

  - Mould / algae

  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 hard bristle brush.

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

  - Saltpetre / efflorescence

  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.

  - Oil / grease

  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

DIRECTIONS FOR USE

Shake the product until perfectly homogeneous.
Apply by brush, roller or airless paint gun.
Protect areas that are not to be painted (e.g. skirting boards, sockets, door/window frames) with masking tape and/or paper. Remove once the work is finished and before the paint dries, to prevent the paint from lifting.

This sheet annuls and substitutes all previous ones. 03/2021. We disclaim responsibility for any typographical errors.

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ON-SITE APPLICATION

DIRECTIONS FOR USE

- **CONSOLIDATED SURFACES**

Apply a first coat of **RX-417 PINTHERM**, with a roller, brush or airless machine, diluted 5 - 10 % with water. Once dry, apply a second coat of undiluted material. For greater insulating effectiveness, it is recommended to apply an average of 4 coats of product, allowing sufficient drying time between coats.

- **POWDERY SURFACES**

Apply our water-based anti-condensation fixative **RX-530 FIXATHERM** in order to consolidate the surface and fix the dust particles that may remain on it. **RX-530 FIXATHERM** can be applied by brush, roller or airless machine. So the product penetrates the surface, the first coat must be diluted at 5 % with clean potable water. It is advisable to apply a second coat of undiluted product. Once the **RX-530 FIXATHERM** is dry, proceed to the application of **RX-417 PINTHERM**, applying a first coat diluted at 5 -10 % with clean potable water. Then apply a second undiluted coat. For greater insulating effectiveness, it is recommended to apply an average of 3 - 4 coats of product, allowing sufficient drying time between coats.

- **AIRLESS SPRAYING**

The nozzle to be used would be 5.25, at a pressure of approximately 120 bar. Apply the first coat on the surface and without letting it dry, apply a second cross coat.

In any case the recommended amount of paint should be at least 500 ml/m^2.

Due to the high content of insulating materials contained in **RX-417 PINTHERM**, the finish may be slightly rougher than that of a traditional plastic paint, with the look and feel of the surface improving if the application is made with an airless machine.

If it is necessary to increase the insulating and anti-condensation effects, we recommend the previous application of our interior plaster **RX-127 RUALAIX ISOLXTREM**.

TECHNICAL CHARACTERISTICS

PERFORMANCE (**)	
litres of paste applied per m² in 1 mm thickness	0.60 - 1.00

(**) (**) The practical performance depends on the surface (type, condition and absorption), the method of application and the degree of dilution.

INFORMATION ON DIRECTIVE 2004/42/EC - Category i1	
VOC LIMIT	VOC CONTENT
75 g/l (2007) - 30 g/l (2010)	4,80 g/l max.

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TECHNICAL CHARACTERISTICS

Density	0.88 ± 0.07 g/ml
Viscosity	45000 - 70000 cP. (A/6/10)
pH	8.0 - 10.0
Tool cleaning	With water
Thermal conductivity (1mm on gypsum plasterboard) (UNE EN 12664)	0,174 W/mK

Nature	Acrylic
Content of solids	31 - 34 %
Resistance to wet rubbing (UNE EN ISO 11998)	Class 3
Specular gloss (UNE EN ISO 2813)	Deep matte

DRYING TIME ACCORDING TO STANDARD UNE 48301:99

SURFACE	DRYING TYPE	TIME
Absorbent	To the touch	10 - 20 min (*)
Absorbent	Total	20 - 30 min (*)

(*) The ambient temperature, the relative humidity of the air and the absorption of the surface influence the drying time.

Adhesion by direct traction (EN 1542)	≥2.5 MPa
Capillary absorption and permeability to liquid water (EN 1062-3)	< 0.1 Kg/(m² · h$^{0.5}$)
Permeability to water vapour (EN ISO 7783)	Class 1
Hazardous substances	Complies to 5.3 de EN 1504-2

A 1 mm thick application of **RX-417 ISOLXTREM PINTHERM** has the same insulating power as a 6.2 mm thick layer of traditional cement mortar.

INFORMATION OF INTEREST

The manufacturing process of paints 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 5ºC and 35ºC.
- 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

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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 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.
- The working conditions of the users are out of our control
- The product must not be used for purposes other than those specified. We recommend strictly following the recommendations for use
- It is essential that the status of the surfaces be assessed prior to each application
- Do not apply on surfaces whose temperature is less than 5ºC or excessively hot
- Do not mix with any material, as the product will not retain its technical characteristics
- It is not recommended to paint in rainy weather or during the hottest hours of the day
- 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, which would cause cracking and loss of strength.
- Application temperature from 5ºC to 35ºC
- Maximum relative humidity: 85%
- For the painting of other materials or specific situations not covered in this technical data sheet, please consult our technical-commercial team.
- 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.	750 ml
UNIT/BOX	–	-	12
PALLETS	33 CANS	120 CANS	44 BOXES

Internal code	RX417NF2126A20

baixens.com

Testing the difference

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