

RX-127

Rualaix®

INTERIOR ISOLXTREM

Renovation and anti-condensation plaster, with sound-absorbing and heat-insulating properties.



INTERIOR



SURFACES

Traditional or semi-absorbent primers, gypsum, plaster, cement, concrete and traditional plastic paint.

Surfaces must be sound, dry, cohesive, absorbent, well-adhered, clean and free of excess dust.

CHARACTERISTICS

- Easy to apply, smooth and sand.
- Formulated with microspheres.
- Excellent coverage capability.
- Lightweight product.
- Free of cracks and shrinkage.
- Breathable (allows water vapour).
- RX-127 increases the dew point of interior surfaces where it has been applied (report 11/3716-2702).

IDEAL FOR

- Apply in a thick layer to cover imperfections and "stippled finish" plastic paint.
- Soundproofing: dampens outside noise and vice versa.
- The insulation of heating or cold pipes.
- Apply in places where moderate soundproofing is required (restaurants, offices, etc.).
- Prevent the formation of water condensation in areas with a high moisture content.
- Prevent the formation of typical mould stains, caused by condensation on the walls, in environments with a high degree of humidity (unventilated areas, laundry rooms, indoor swimming pools, thermal centres, bathrooms, kitchens, etc.).



COVERING

FOR ALL TYPES OF CONVENTIONAL PAINT
AFTER COMPLETE DRYING

CLASSIFICATION ACCORDING
TO STANDARD EN 16566

G3S2V3W3A0C0R0



RX-127

Rualaix®

INTERIOR ISOLXTREM

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.

CLEANING

If surfaces present traces of fungi, algae or other type of microorganisms, we first proceed to curative treatment with our **RX-526 CLEAN ENERGY**. Apply the product to the surface to be treated. 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. This preventive treatment is very effective and prevents future presence of microorganisms.

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.

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.

Powdery surfaces must be consolidated with our fixative **RX-530 ISOLXTREM FIXATHERM** since dust prevents adhesion between materials. Similarly, old surfaces made up of perished plaster or poorly adhered parts must be cleaned up: **restoring perished surfaces without prior restoration is totally inadvisable**. If there are holes in the surface, these should be scraped down and removed until a consistent surface is created, then a fixative should be applied to remove traces of dust. This consistent surface will usually be made of brick, cement, functional plaster or any other material, as long as it can support the weight and tension of the layers subsequently applied, without breaking up or having its structure altered.

If cracks are present these must be repaired, i.e. opened up and their interiors fixed using our fixative **RX-530 ISOLXTREM FIXATHERM**, left to dry for at least 4 hours and then filled to the required level.

DIRECTIONS FOR USE

Mix with water at a rate of 44 - 48%. For each 9 kg bag, 3.96 - 4.32 litres of water should be used for mixing and for each 3kg bag, 1.32 - 1.44 litres of water. Mixing should be carried out manually or mechanically using an electric mixer. Leave the paste to stand for a few minutes and then apply.

For cavity filling, we recommend using a medium sized palette knife that allows for good pressure inside the cavity. Where possible, ensure that the width of the palette knife is slightly greater than the size of the cavity.

RX-127

Rualaix®

INTERIOR ISOLXTREM

ON-SITE APPLICATION

Smoothing should always be carried out vertically from the bottom to the top of the surface with a wide or smooth trowel, applying the material and then removing the excess, taking care to smooth and cover all surface defects. Joints are made in reverse, from top to bottom.

When the material is dry, sand it and then apply another coat of plaster horizontally from right to left, applying it on joints from left to right.

Finally, after this second coat has dried, sand the surface and, if no imperfections are observed, apply of our fixative **RX-530 ISOLXTREM FIXATHERM**. It is advisable to coat the base with our **RX-417 ISOLXTREM PINTHERM** anti-condensation paint to reinforce the effect of **RX-127**.

TECHNICAL CHARACTERISTICS

Useful life	1 H 45' - 2 H 15'	DENSITY	
Reaction to fire	A1	DUST (g/ml)	PASTE (g/ml)
Maximum granulometry	200 µm	0.82 ± 0.07	1.28 ± 0.07
pH	7.0 – 8.0	ADHERENCE	
Traditional Setting	2 H 30' - 3 H	ON PLASTIC PAINT	ON CEMENT
Thermal conductivity coefficient (S/EN 12664:2002)	0,128 W/ m K	More than 0.3 MPa	More than 0.5 MPa
Weighted improvement on the sound reduction index (S/UNE-EN ISO 10140-1:2011)	3 dB	EFFECTIVE THICKNESSES	
Shore C hardness	67	START OF INSULATING ACTION	RECOMMENDED
Storage	12 months	2 mm	5 mm
Tool cleaning	With water	It has been verified that in RX-127 thicknesses of 2 mm, reductions in the thermal conductivity constant begin to be observed, despite this, the use of minimum thicknesses of 5 mm is recommended in order to obtain a more homogeneous insulating effect	
Mean value of the apparent dry density (S/ UNE-EN 1015-10)	726,1 Kg/m³		

PERFORMANCE

kilograms of powder applied per m² in
1 mm thickness

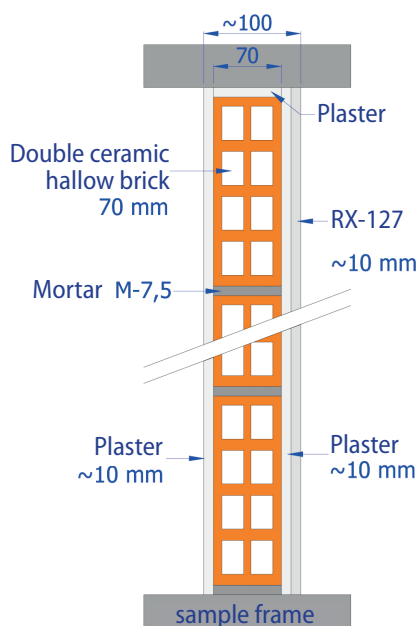
0,60 - 0,80

RX-127

Rualaix®

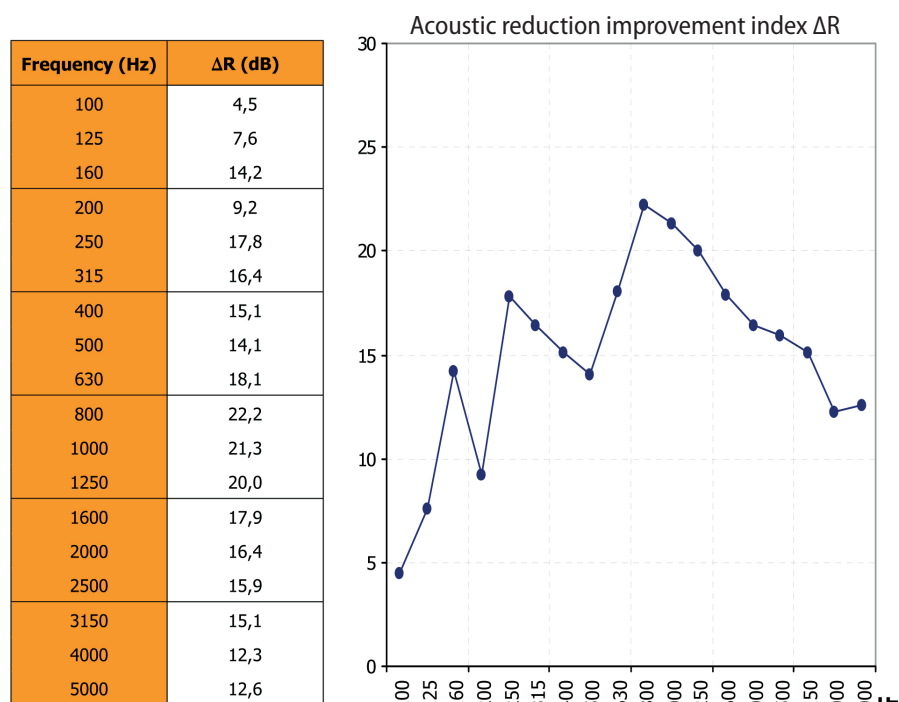
INTERIOR ISOLXTREM

TECHNICAL CHARACTERISTICS



THE TESTED SECTION FOR THE DETERMINATION OF THE ACOUSTIC REDUCTION IMPROVEMENT CORRESPONDING TO **RX-127 RUALAIX ISOLXTREM**

Results of the improvement in airborne noise insulation:



According to the UNE-EN ISO 10140-1:2011 standard, **RX-127 RUALAIX ISOLXTREM** applied in a thickness of 10 mm is capable of reducing the sound intensity by 3 dB from the transmitting enclosure to the receiving enclosure.

A 10 mm thick application of **RX-127** has the same insulating power as a layer of:

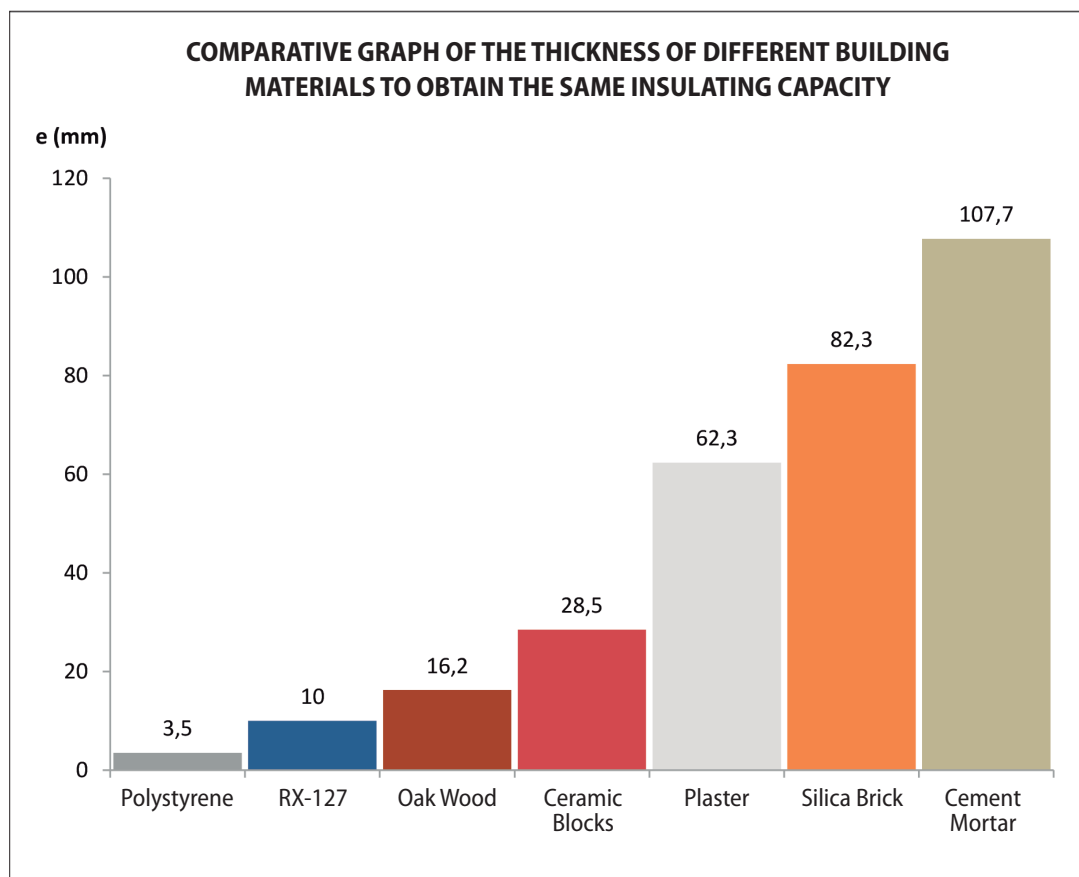
- 3.5 millimetres of expanded polystyrene
- 16.2 mm oak wood
- 29 mm thick ceramic blocks
- 62 mm thick plaster
- 82 mm thick silica brick
- 108 mm thick cement mortar

RX-127

Rualaix®

INTERIOR ISOLXTREM

TECHNICAL CHARACTERISTICS



INFORMATION OF INTEREST

The Rualaix range manufacturing process 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 ecotechnologies in our facilities' manufacturing processes allows for efficient work, without damaging the environment that surrounds us.

- Non-flammable product.
- Avoid bringing the product into contact with skin and eyes.
- Smoking, eating and drinking must be prohibited in the application area.
- Comply with workplace health and safety legislation.
- 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 the 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's Safety Data Sheet.

RX-127

Rualaix®

INTERIOR ISOLXTREM

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 beyond our control.
- The product must not be used for purposes other than those specified. It is recommended that the recommendations for use be strictly followed.
- It is essential that the status of the surfaces be assessed prior to each application.
- Do not mix with any material, as it will not retain its technical characteristics.
- 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.
- Do not apply the product under unfavourable environmental conditions (strong wind, risk of rain or frost). If applied, use covers or application curtains.
- 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.
- Use the product within its useful lifetime. Beyond this time, unfavourable properties may arise
- We place a technical-commercial team at your disposal that will advise you on any doubts or queries

PACKAGING

FORMAT	9 KG.	3 KG.
UNIT/BOX	-	4
PALLETS	66 SACKS	35 BOXES



Intenal code	RX127NF1534A20
--------------	----------------


BAIXENS
 baixens.com

Testing the difference

BAIXENS ESPAÑA
 POL. IND. MONCARRA, S/N
 46230 ALGINET (VALENCIA)
 T.: 961.750.834
 F.: 961.752.471

BAIXENS FRANCE
 14, RUE DU PONT NEUF
 75001 PARIS (FRANCE)
 T.: 0.800.90.14.37
 F.: 0.800.90.20.52

BAIXENS ITALY / BULOVA
 VIA PIETRO NENNI, 36
 46019 CICOGNARA - MANTOVA (ITALY)
 T.: 0375/88181/790016 F.: 0375/88831
 www.bulova-pennelli.com

BAIXENS PORTUGAL / ARGATINTAS
 AVENIDA PORTAS DO MINHO, Nº 711
 4760 - 706 RIBEIRÃO,
 V.N. FAMALICÃO
 T.: 252 910 030
 www.argatintas.pt