

AP-400

Aprestine®

ELASTIC FIBRE

Elastic fibreglass putty designed for filling and sealing cracks and fissures in roofs and façades subject to movement. Smooth finish.



INFORMATION ABOUT DIRECTIVE 2004/42/CE

CATEGORY i1, HIGH PERFORMANCE COMPONENT COATINGS, WATERBASED

Limit: 140 g/l VOC (2007); 140 g/l VOC (2010)
This product contains max. < 140 g/l VOC

COVERING

FOR ALL TYPES OF CONVENTIONAL PAINT
AFTER COMPLETE DRYING

CLASSIFICATION ACCORDING
TO STANDARD EN 16566

G3S2V2W2A0C0R0

SURFACES

Gypsum, plaster, laminated plasterboards, cement, laminated cement boards, brick, stone, wood, concrete, aerated concrete and semi-absorbent surfaces.

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

CHARACTERISTICS

- Smoothing without migration of fibre to the surface.
- Reinforced with fibreglass.
- Extra white.
- Applicable thickly.
- Excellent thixotropy.
- Highly flexible.
- Sandable.
- High adherence.
- Replaces fibreglass bandages.

IDEAL FOR

- Filling and sealing cracks and fissures in walls, terraces, roofs and façades subject to movement.
- Sealing perimeter joints on doors and windows.

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.



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ON-SITE APPLICATION

CLEANING

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.

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 a fixative (**FIJAPREN** line), 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 (**FIJAPREN** line) 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 a fixative (**FIJAPREN** line), left to dry for at least 4 hours and then filled to the required level.

DIRECTIONS FOR USE

Ready-to-use material. Do not dilute.

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

Finally, after this second coat has dried, sand the surface and, if no imperfections are observed, apply a fixative and then paint the surface.

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TECHNICAL CHARACTERISTICS

Density	1.40 ± 0.07
Reaction to fire	D – s2– d0
Maximum granulometry	200 µm
pH	> 8.0
Shore C hardness	70
1 mm layer drying time on absorbent surface (*)	12 H
Initial adherence to concrete	≥ 16 Kg/cm ²
Adhesion after thermal ageing	≥ 23 Kg/cm ²
Flash point	91 - 93 °C
Maximum thickness per layer	10 mm
Tool cleaning	With water

(*) Depends on the environmental conditions, the nature of the surface and the thickness of application.

DIRECT TRACTION ADHESION AND AFTER ARTIFICIAL AGING (CEBTP TEST REPORT NO. B 252.7.420/1)	
SURFACES	RESULT
On concrete, brick, aerated concrete, wood and plaster (NF T 30606)	> 5 Kg/cm ²
On concrete models painted with glycerophthalic and acrylic (NF T 30606)	> 5 Kg/cm ²

Adhesion/cohesion at constant temperature (EN ISO 9046)	WITHOUT FAILURE
Deformation at break (EN ISO 8339)	≥ 25 %
Creep resistance (EN ISO 7390)	≤ 3 mm
Volume loss (EN ISO 10563)	≤ 45 %
Tensile/strain properties after water immersion (EN ISO 10591)	≥ 100 %
Durability	PASS
Hazardous substances:	Complies with section 4.5 of EN 15651- 1

PERFORMANCE in 5 mm thickness	
CRACK WIDTH	GRAMS APPLIED PER LINEAR METER
1 cm	60 – 70 grams of paste /linear metre
2 cm	130 – 140 grams of paste /linear metre
3 cm	200 – 210 grams of paste /linear metre

INFORMATION ON DIRECTIVE 2004/42/EC - Category i1	
VOC LIMIT	VOC CONTENT
140 g/l (2007) - 140 g/l (2010)	< 140 g/l max.

DIRECT TRACTION ADHESION AND AFTER ARTIFICIAL AGING (CEBTP TEST REPORT NO. B 252.7.420/2)	
SURFACES	RESULT
On concrete models painted with Pliolite (NF T 30606)	> 5 Kg/cm ²

RESISTANCE TO CRACKING (NF P 84402) (CEBTP test report No. B 252.7.420/1)		
CONTROL	INITIAL RESISTANCE (mm)	RESISTANCE AFTER AGEING (mm)
23	6.30	5.20
-10	2.05	2.08

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READY TO USE - INTERIOR / EXTERIOR



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INFORMATION OF INTEREST

The Aprestine 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 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 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.

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.
- Do not exceed the maximum recommended application thickness per coat.
- It is essential that the status of the surfaces be assessed prior to each application.
- Do not apply on non-absorbent or extremely crystalline surfaces.
- Do not mix with any material, as it will not retain its technical characteristics.
- We do not recommend applying the product on aged, badly adhered paints.
- Application temperature: from 5°C to 35°C.
- Maximum relative humidity: 85%.

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COMMENTS

- 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 kg	5 kg	1 kg
UNIT/BOX	–	4	12
PALLETS	33 CANS	24 CANS	44 BOXES



Internal code	AP400NF72A20
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