



pepe® sealant

acrylic

Technical Data Sheet

acrilastic® is a siliconized acrylic sealant in paste form and once applied and cured acquire a firm and elastic consistency.

Product Data

| PROPERTIES | VALUE | TEST METHOD |
|-------------------------|------------------------------------|-------------------|
| Chemical base | Siliconized acrylic | |
| Aspect | Soft paste | |
| Skin over time | 30 minutes max. (77 °F and 50% HR) | ASTM-C-679-15 |
| Curing Ratio | 2.4-2.6 mm/day (77 °F and 50% HR) | ASTM D-1640-14 |
| Density | 1.70-1.72 g/ml | ASTM-D1475-13 |
| VOC | <19 g/L | |
| Application temperature | 41 °F to 98.6 °F | |
| Service Temperature | 14 °F to 158 °F | |
| Elongation | >180% | ASTM-D-412-16 |
| Tensile Strength | >177.79 lbf/in ² | ASTM-D-412-16 |
| Shore A Hardness | 70-80 | ASTM- C-661-15 |
| Movement Capability | ±7.5% | ASTM-C-719-14(19) |
| U.V. Resistance | Good | ASTM-G-154-16 |

Information obtained from laboratory tests.

Uses

pepe® sealant has been designed for:

- Joints with small movement between aluminum doors and walls or windows from iron to wall.
- Sealing of aged plaster in iron windows.
- Sealing of small cracks not larger than 6 mm width in concrete, brick and gypsum.

Advantages

- Low VOC (Volatile Organic Content) level.
- Excellent adhesion between porous and smooth surfaces.
- It could be applied on slightly wet surfaces.
- It is paintable (accept all type of paint).

Application

The surfaces to be sealed shall be firm, dry, clean free of dust, grease, oil, water and old sealant. Porous surfaces shall be cleaned with brush or applying compressed air to remove all loose particles. In case of smooth surfaces (like glass, metal, etc.) it shall be done a cleaning with two cleaning clothes, consisting in passing a (lint free) cleaning cloth impregnated with isopropyl alcohol, and removing immediately all the impurities with a clean and dry cleaning cloth. Place a masking with masking tape on the surfaces to limit the area to be sealed. Introduce **pepe® sealant** in a caulk gun, cut the upper part of the cartridge, then place the pipette and cut at 45° calculating the width of the joint to be sealed. Pull the trigger to press the piston and the product will flow on the joint. Apply the sealant like a cord on the surface to be sealed. It shall be left minimum a section of 7 x 7 mm and maximum 10 mm. Then pass again in opposite direction of the first application, with a straight spatula to penetrate in the joint as necessary, for better adhesion and to break the air bubbles that may be trapped during the application, at the end of application remove the masking in opposite direction to application in a continuous but controlled movement. The excess could be removed before curing with a cloth dampened in water.





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Recommendations

- Perform tests under actual application conditions to guarantee its proper operation.
- Do not apply in wet surfaces or materials in curing process.
- Paint until it is completely cured.
- Apply in works smaller to 15 meters height.

Maintenance

- It does not require any maintenance, however.
- If the seal is damaged, replace the damaged section, cleaning the surface before applying the new seal.

Precautions

- The sealant shall not be applied in completely close area, due it is required relative humidity for vulcanization.
- The non-cured product could cause eyes and skin irritation with prolonged contact. In case of discomfort, wash thoroughly with water for 15 minutes and seek medical advice immediately.
- Keep out of the reach of children.

Limitations

- It is not recommended in surfaces that are in continuous water immersion.
- In joints of floors with continuous traffic.
- In galvanized sheets roofs.

Presentation

Packaging and Colors



- Aluminum
- White
- Black



- White

Coverage

One 300 ml cartridge lasts 5.69 m, in 7 x 7 mm joints, considering a 7% waste.

One 200 ml cartridge lasts 3.79 m, in 7 x 7 mm joints, considering a 7% waste.

Shelf Life

18 months kept in a fresh and dry storage, in its original packaging at a 21 °C (70 °F) temperature and 50% of atmospheric moisture.

Technical Support

Productos Pennsylvania's Technical Support is at your service, assisting you with:

Guidance in how to apply this or any of our products.

Blueprint reviews.

Joint dimension calculus.

Compatibility and adhesion testing of our sealants with different materials.

NOTE:

Productos Pennsylvania S.A de C.V. provides technical assistance when required. Please contact our Technical Department regarding use and application of this product. It is the user's responsibility to test the product and its uses before application.

Productos Pennsylvania, S.A. de C.V.

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the caulking expert

