

acrilastic® is a silicone acrylic sealant with a soft and creamy paste appearance with excellent properties. After applied it rapidly forms a stickiness free surface, acquiring an elastic consistency similar to vulcanized rubber.

Product Data

PROPERTIES	VALUE	TEST METHOD
<i>Basis</i>	<i>Siliconized acrylic</i>	
<i>Appearance</i>	<i>Paste</i>	
<i>Skin over time</i>	<i>Max. 30 minutes / (25 °C, 50% RH)</i>	<i>ASTM-C-679-87</i>
<i>Full cure</i>	<i>1.6-1.8 mm/day / (25 °C, 50% RH)</i>	<i>ASTM-D-1640</i>
<i>Density</i>	<i>1.56-1.58 g/ml</i>	<i>ASTM-D-1475-98</i>
<i>VOC</i>	<i><19 g/L</i>	
<i>Application temperature</i>	<i>5 °C to 37 °C</i>	
<i>Service temperature</i>	<i>-10 °C to 70 °C</i>	
<i>Elongation</i>	<i>>400%</i>	<i>ASTM-D-412-98a</i>
<i>Tensile strength</i>	<i>>8.20 kgf/cm²</i>	<i>ASTM-D-412-98a</i>
<i>Hardness, Shore A</i>	<i>45-55</i>	<i>ASTM-C-661-98</i>
<i>Movement capability</i>	<i>±12.5%</i>	<i>ASTM-C-719</i>
<i>U.V. Resistance</i>	<i>Good</i>	<i>ASTM-G-154</i>

Information obtained from laboratory tests.

Uses

acrilastic® has been designed for:

- Sealing joints with moderated movement among aluminum and wall.
- Sealing accidental or constructive joints in quarry, concrete, block, brick, wood, plaster and cement panels.
- Sealing iron windows even without removing old mastic.
- Joints among wooden doorframes and masonry.
- Prefabricated concrete or asbestos cement joints with moderated movement.
- To fill in cracks of no more than 6 mm.

Advantages

- Follows standard ASTM-C-920 class 12.5.
- Low VOC (Volatile Organic Compounds).
- It offers a wide color variety.
- Excellent adhesion to porous and smooth surfaces.
- It could be applied in lightly humid surfaces.
- It can be painted (works with any kind of painting).

Application

Make sure that surfaces about to seal are steady, dry, clean, and free from dust, grease, oil, water or old sealant.

Clean porous surfaces using a brush or pressured air to remove all loose particles. For smooth surfaces (such as glass or metal), clean using a two-rag wipe technique, that consists in wiping the material using a no lint rag wet with isopropyl alcohol, use the second rag to wipe the wet alcohol from the surface before it evaporates, removing all contaminants.

Mask where necessary using Masking Tape on the surface to delineate the area before applying the sealant.

Place **acrilastic®** in the caulking gun, cut the upper part of the cartridge, then place the nozzle and cut it in a 45° angle calculating the joint width. Push the gun's trigger pumping the product towards the joint. Apply the sealant on the surface maintaining a regular cord. The minimum joint must be of at least 7 x 7 mm and of maximum 10 mm. Tooling must be done in the opposite way of application using a straight spatula, forcing the sealant into contact with the sides of the joint achieving a better adhesion and eliminating possible internal voids. At the end of the application, remove the mask detaching it in a continuous and steady move in the opposite way of application.

Remove the excess of sealant using a rag wet with isopropyl alcohol right after the application.



Recommendations

- Testing is suggested under real application conditions to ensure its correct performance.
- Do not apply on wet surfaces or curing process materials.
- Wait until it is completely dry to paint.
- Use in edifications of less than 15 m high.

Maintenance

- It does not require any maintenance, however if the seal suffers any damage, clean the surface before applying and replace the damaged section with new sealant.

Precautions

- Sealant must not be applied in closed areas for it needs atmospheric moisture to vulcanize.
- Uncured product can cause irritation in eyes and skin if exposed for too much time. If bother persists, rinse generously, passed 15 minutes consult with a doctor.
- Do not leave in children's reach.

Limitations

- It is not recommended to apply on surface in continuous contact with water.
- On floor with continuous transit.
- On galvanized sheet roofs.

Presentation

Packaging and Colors



- Aluminum
- Beige
- White
- Bronze
- Champagne
- Off-white
- Black
- Cinnamon
- Gray*
- Blue*
- Gold*
- Tobacco*
- Green*



*White

*Consult colors and minimums of manufacture

Coverage

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

Shelf life

12 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.

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