

# PolySeal AC

## Elastomeric Acrylic Sealant

### DESCRIPTION:

**POLYSEAL AC** is one component, water based acrylic sealant that cures to a flexible and tough rubber with good adhesion to porous surfaces without primer. It is also low cost and environmental friendly sealant that can be easily cleaned with water.

### ADVANTAGES:

**POLYSEAL AC** offers the following benefits:

- Easily applied, by caulking gun or putty' knife.
- Long open time.
- Good flexibility and showing no cracks at low temperature.
- Good adhesion to wood, concrete, metal and marble without primer.
- Economical.

### APPLICATION AREAS:

- Cargo container and cabin.
- General glazing: wood, concrete, marble, glass and plastic.
- DIY applications: gutters, joints around doors and windows, skylights and air-conditioning.
- Energy safe applications: to seal air draft around air conditioner.

**LIMITATIONS:** IT SHOULD NOT BE APPLIED OUTDOORS IF IT IS LIKELY TO BE RAINED UPON WITHIN 2 HOURS OF APPLICATION. NOT FOR: USE IN AREAS OF CONSTANT WATER IMMERSION. NOT FOR: JOINT MOVEMENT MORE THAN 10%.

### APPLICATION METHOD:

Surfaces must be solid and cleaned from any loose particles, grease and oil.

- Mask smooth surface to simplify clean up.
- Used approved materials in joint.
- Use caulking gun, spatula or putty knife.
- Tool within 5 minutes.
- Clean excess sealant with water.

### Curing time:

**POLYSEAL AC** tack free in approx. 10 minutes and cure to a depth of 10mm in 14 – 7 days.

### HEALTH & SAFETY:

**Skin & Eye contact:** Avoid prolong contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

**Flammability:** Nonflammable materials, nonhazardous when dried materials burn.

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**Cleaning:** POLYSEAL AC is water-borne material; tools can be cleaned by water immediately after use. Dried material can be scraped out mechanically.

### SHELF LIFE:

12 month for unopened containers, use old first.

### SUPPLY:

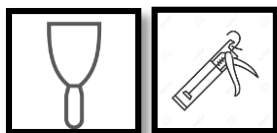
20 kg / metal pail / 48 pail / pallet

15 kg / plastic pail / 48 pail / pallet

10 kg / plastic pail / 8 pail / carton

### TECHNICAL SPECIFICATION:

specification	ASTM Code	POLYSEAL Result
Appearance		Non-sagging paste
Color		White, grey
Solid Cont.%	ASTM-D 1475	85/ +- 3%
Specific gravity		1.6 / +- 0.1 Kg/L
Tack free time		10 minutes
Shrinkage %		10%
Elongation break	ASTM-D 412	> 25%
Hardness shore A	ASTM-D 2240-05	60



Disclaimer: we attempt continually to ensure that all information, advices, methods and recommendations noted here in this technical data sheet are accurate. However, because we have no control where and how this product may use or applied, we cannot accept any liability arise from the use of this product.

**Polygon** Polygon Speciality Construction Chemicals

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