

## AS-480 ACRYLIC PAINTABLE SEALANT

### PRODUCT DESCRIPTION:

AS-480 Acrylic Paintable Sealant is a one part, water based acrylic sealant that cures to a flexible and tough rubber with good adhesion to porous surfaces without a primer. Suitable for sealing and filling gaps or joints where low demands of elongation are required.

### FEATURES:

1. Waterproof, Paintable.
2. Flexible
3. Excellent Adhesion to most construction materials



### USAGE

1. For sealing the gaps or joints interior and exterior, such as doors and window frames, walls, windowsills, prefab elements, stairs, skirting, corrugated roof sheets, chimneys, conduit-pipes and roof gutters.
2. Can be used on most construction materials, such as brick, concrete, plasterwork, asbestos cement, wood, glass, ceramic tiles, metals, aluminum, zinc and so on.
3. It is not suitable for permanently flexible sealing, for cars or spaces where wet conditions exist, e.g. aquarium, foundations and swimming pools.

### Characteristic

Diluting ability:	can be diluted with water.
Temp. resistance:	-30°C up to + 80°C
Frost resistance:	good.
Resistance to moisture:	good.
Elongation and adhesive:	good.
Weatherability:	good

### Technical Data

No	Item	The Standard	Test result
1	Appearance	Have no grain, no agglomerations	good
2	Specific gravity, g/cm <sup>3</sup>		1.55
3	Extrusion ability, ml/min	≥100	102
4	Tack free time, h	≤1	0.4
5	Elastic recovery rate,%	<40	23
6	Fluidity Resistance, mm	≤3	0
7	Ultimate elongation at break,%	≥100	604
8	Low temperature flexibility,°C	-20	-20

9	Stability of low temperature storage	No caky	No caky
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10	Water resistance at the beginning	No feculent	No feculent
11	Ultimate tensile strength at break, Mpa	0.1	0.1

Carried by "Industry standard JC/T484-2006".

**Color:** white

**Packaging:** 480g/cartridges, 24 cartridges/carton

### Application

**Surface treatment:** The joint surfaces must be clean and free from dust, rust and grease. Tar and bitumen substrates reduce the bonding ability. In order to improve the bonding ability to strongly absorbing porous surfaces, such as stone, concrete, asbestos cement and plasterwork, these surfaces should first be primed with a diluted sealant (1 volume of Acrylic Sealant to 3-5 volumes of water). Allow the primer to dry completely.

### Tools:

**Tubes:** applicator nozzle and pressure key.

**Cartridges:** Sealant Gun. After using, clean tools immediately with a damp cloth.

**Application temperature:** Don't use it at temperature below 0°C.

### Directions for use:

**Tubes:** Twist the cap off the tube and screw the white nozzle applicator onto it. If a cured slug of Acrylic Sealant has formed in the tip of the nozzle, remove this slug with a sharp knife or a screw driver. Bevel the nozzle to provide the required bead diameter. However, the minimum diameter must be 5 mm. Fit the key to the bottom of the tube. Turn the key regularly and slowly to prevent the tube from bursting.

**Cartridges:** Cut off the sealed nozzle end of the cartridge near the screw thread to obtain an opening with a diameter of 10 mm. Screw the supplied plastic applicator nozzle firmly onto the cartridge and bevel it to obtain a minimum bead diameter of 5 mm. Load the cartridge into the Sealant Gun. Insert Acrylic Sealant down to the bottom of the joint. Do not treat too large areas simultaneously. Smooth the paste at once with a wet finger or a wet putty knife. In smoothing vertical joints, work from the bottom upwards. Add a little detergent to the water to facilitate the smoothing of the joint. The application of masking tape to either side of the joint ensures completely smooth sealant beads. After the bead is completed and smoothed, remove the masking tape at once. Remove excess sealant immediately with a damp cloth. After about 1-4 hours a 'skin' begins to form on the Acrylic Sealant. Dependent on the thickness of the joint and the atmospheric moisture, the sealant sets completely within 8-14 days. Do not apply Acrylic Sealant in rainy weather or when rain is expected. Keep the

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sealed joint dry for at least 2 hours.

### **Stains**

Remove wet stains immediately with water. Dry stains can only be removed mechanically.

### **Storage method**

Acrylic Sealant is sensitive to frost and must be kept in tightly closed packing in a frost-proof place. The shelf life is about 12 months when stored in a cool, dry place.

### **Opened tubes and cartridges should be stored as follows:**

Tube: twist the nozzle applicator off the tube and screw the cap onto it.

Cartridge: twist off the plastic applicator-nozzle, cover the nozzle end of the cartridge with a plastic film and screw the applicator onto the cartridge again.

### **CAUTIONS**

1. Do not apply at temperature below 0 °C.
2. Is not fit for continuous immersion in water.
3. Keep out of reach of children.