

Smartcare Xtremoseal GP

Single component acetic cure silicone sealant – flexible elastomeric



Description

Xtremoseal GP is a single component acetic cure silicone sealant which vulcanizes on exposure to moisture in the air at room temperature, to produce a flexible elastomeric sealant. It is suitable for all common construction and glazing application. It is easy to apply and gives excellent adhesion to a variety of nonporous substrates such as glass, glazed ceramic tiles and aluminum. It is resistant to ozone, ultra-violet radiation and temperature extremes.

Uses

- Wood
- Metal
- Glass
- Sanitary joints
- Glazed surfaces
- Un-plasticized polyester
- Painted wood

Characteristics

- Easy to use one component type.
- Cures at room temperature at ambient humidity conditions.
- Outstanding adhesiveness to many non-porous substrates, including Glass, Glazed Ceramics, Aluminum, Masonry, Some Plastics etc.
- All temperature gun ability – can be applied in all temperatures.
- Excellent resistance to weathering, moisture, Ozone, UV, temperature Extremes etc.

Colors Available

white

Packing

280 ml

Coverage

32 running ft for a 4X6 joint

Properties

Cure system	Acetic
Color	Standard colors – Clear, White, Black
Specific Gravity	0.93
Slump	Nil

Skin over time @ 25	10
Tack free time, minutes @ RT, Approx	30
Cure rate, mm/day	4
Elastic Recovery , % Approx	>90
Mechanical Properties, 2mm thick sealant	
Tensile @100% elongation, MPa, Approx.	0.4
Tensile Strength, MPa, Approx.	1.00
Elongation at Break, % , Approx	500

All values given are subject to 15 - 20%

Application Method

Step 1

Clean the surface by removing dust, loose particles oil & grease

Step 2

Surfaces must be clean, dry and sound

Step 3

Cut the nozzle & tip of the cartridge at a 45° angle according to joint dimensions

Step 4

Apply sealant using a sealant gun

Step 5

Use a pallet knife or wet finger for tooling the surface to remove air bubbles

Step 6

Use masking tape on both the sides of the joint to get neat & uniform application

Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

Health and safety

Direct contact with uncured sealant irritates eyes and may irritate skin. over exposure to vapor may irritate

nose and throat.

Precautions

- Not paintable
- Recommended for joints that have a maximum movement of 25%
- Do not use in aquariums, PMMA, PE, PP, Teflon PC, PTFE, soft plastics and bituminous surfaces and wax or paraffin containing surfaces
- Not suitable for applications on marble, lead, copper and galvanized steel.
- Install back up material for the right joint depth and in order to prevent three side adhesion.

Safety features

- Kindly refer to the MSDS for SmartCare Xtremo-seal GP which gives detailed information on safety measures while handling the paint, which is available on request.
- Keep out of reach of children and away from eatables

- May be harmful if swallowed. In case of ingestion seek immediate medical attention
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.

Note: The information supplied in our literature or given by our employees is based on extensive experience and, together with that supplied by our agents or distributors, is given in good faith to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of work, we accept no liability for any loss or damage which may arise as a result thereof.

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For enquiries, feedback and complaints please contact or write to us at

Oman	: 800-01790	weassure.oman@asianpaints.com
U.A.E	: 800-27237437	weassure.uae@asianpaints.com
Bahrain	: 800-08098	weassure.bahrain@asianpaints.com
Qatar	: +974-44693489	weassure.qatar@asianpaints.com