

TECHNICAL DATA SHEET

Acrylic Sealant R420

Description & Features

This product is high performance water base acrylic sealant, is a one part, general-purpose. Safe-Solvent free; Paintable; Flexible without cracking. Environmental friendly, easily clean up with water. Good weatherability and UV stability; Excellent gunnability (5°C to 50°C); Good adhesion to wood, concrete, metal and marble without primer.

Application

Can be widely used for sealing gaps and cracks prior to paint; perimeter sealing around window frames, architraves, skirting boards, picture and china rails; internal corners of walls, cracks, joints and gaps where rigid fillers crack.

Suitable for repairs cracks in walls, skirting boards, doors & windows and seals between plaster board panels, ceiling boards, cornices, & decorative ceiling panels.

Restrictions on use:

The product is not suitable for all oiled, plasticizer or solvent materials; It is not recommended to work in the environment of long-term immersion in water and frost, structural load-bearing parts, and parts in direct contact with food, and when the surface temperature is below 5 °C.

Colors

White 、 Lily White

Packing

300ml/cartridge, 25 cartridges/carton.

Storage & Shelf life

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures <27°C.

Properties

Item	Specification
Uncured – As Tested at 50% RH and 23°C	
Curing	dehydration reaction
Appearance	No grain, no agglomeration
Specific gravity	1.25±0.05
Application temperature (°C)	-10 ~ 90
Tack free time (Min)	< 40
Curing rate (mm/24h)	2-3
As Cured – After 21 Days at 50% RH and 25°C	
Elongation at break (%)	≥ 170
Tear Strength (kgf/cm ²)	≥ 4.0
Hardness Shore A	≥ 30