Paintable Acrylic Gap Filler

Water-based acrylic sealant

Technical-data revision: Not stated in supplied data

Description

One-component, water-based acrylic sealant with strong adhesion. The supplied data describes it as solvent-free, UV-resistant, paintable, flexible and easy to apply. For joints between building components subject to moderate stress.

Applications

Internal and external joints in porous substrates, including concrete, plastic, asbestos, cement, brickwork and wood; gaps with small internal pressure and elongation, such as cracks in brickwork, plaster or cement.

Characteristics

Paintable after 30 minutes; adhesion to various materials; waterproof seal; easy to clean. Colours: white, black, clear and other colours.

Technical properties

Property	Reported value	Test method
Flow / sag / slump	Non-sag	ASTM C639
Tack-free time	15-20 min	GB/T 13477.6-2002
Extrusion rate	400 ml/min	ASTM C603
Curing speed	2-4 mm/day	GB/T 13477.6-2002
Working time	5 min	
Application temperature	4°C to 40°C	
Density	1.3-1.6 g/cm³	GB/T 13477.6-2002
Hardness after 7 days	65 ± 5 Shore A	ASTM D2240
Ultimate tensile strength after 7 days	≥1.4 MPa	ASTM D412
Elongation at break after 7 days	≥180%	ASTM D412
Temperature resistance	-40°C to 120°C	GB/T 13477.6-2002

Uncured and seven-day cured test conditions: 23°C / 50% RH.

Packaging and storage

Reference packaging: 280 ml or 300 ml cartridge; 24 cartridges per box, or customised packaging. 12 months in unopened packaging, in a cool dry place between +5°C and +25°C.

The substrate list reproduces the technical data; it is not advice to disturb asbestos-containing materials.

Limitations

The information is offered in good faith and is not legally binding for every processing, application or handling condition. Users should perform their own tests to determine suitability for the intended use and environment. Technical changes and improvements may occur.

Technical values and method references are reproduced from provided product data. No independent verification or certification is represented.

This is a TDS, not an SDS or certificate. Obtain and read the matching SDS before use.