

Semi-Rigid Quick Cure Concrete Crack Filler

Product Introduction

PS-10 is a two component solvent free polyaspartic weather resistant quick cure concrete crack filler that packed into cartridge and operated by caulk gun. It's semi-rigid, low viscosity, fast cure and long operation time. After cured it has high strength and good bonding feature. PS-10 is cured faster than other materials, no foaming with moisture, and has longer service life.

Product Features

- High strength and relatively high elongation
- Good adhesion to concrete substrates
- Quick curing at room temperature

Application

Suitable for filling and repairing concrete cracks.

Basic Features of Components

Part A	Part B
Appearance: Light gray liquid	Appearance: Colorless to light yellow transparent liquid
Viscosity (mPa.s/25℃): 500-1500	Viscosity (mPa.s/25℃):: 400-1400
Density (g/cm³): 1.06±0.2	Density (g/cm³): 1.12±0.2
Solid Content (%): ≥ 95%	Solid Content (%): ≥99%
Equivalent: 380-390	Equivalent: ≥ NCO (%): 11.5-12.5

Ingredient blend properties	
Density	1.10±0.2 g/cm3
Mixed Viscosity	500-1500 cps
7-Day Hardness (Shore D)	55-65
Surface Dry Time	2 minutes
Complete Curing Time (at room temperature):	7 days
Adhesion to Concrete:	3 MPa

Note:Testing conditions at room temperature: Temperature 10℃-35℃, Humidity ≤85%

Construction conditions

Mixing Ratio: A:B = 1:1 by volume

Curing Conditions: Room temperature curing for 48 hours

- Environmental temperature: -10℃~40℃, relative humidity <85%.
- Clean the concrete surface and gaps of dust, oil, and other impurities.

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- Install a static mixer and discard the first part of the poorly mixed adhesive that is ejected from the gun.
- Ensure uniform mixing of components A and B, then quickly complete the injection.
- Cure for approximately 30 minutes for initial setting, then allow to cure for 7 days to achieve full curing.

Data is for guidance only; actual curing time is greatly influenced by environmental temperature and humidity.

Storage Condition

Storage time: Part A： 1 year Part B: 1 year
Storage temperature: 0℃ -35℃
- Packaging must be sealed and not exposed to air; should be stored separately from oxidizers, acids, alkalis, reducing agents, and peroxides.
- Care must be taken when resealing opened containers, keeping the opening upwards to avoid leakage.
Storage: sealed and stored in a cool and ventilated place, fire-proof, moisture-proof, and sun-proof,storage temperature should not exceed 40℃.

Packaging Specification

400ml dual-component 1:1 cartridge

Safety Precautions

- Personal Protective Equipment: Protective gloves to prevent skin contact.
- Respiratory Protection: No special protection needed.
- Eye Protection:Chemical splash goggles are recommended.
- Body Protection: Wear protective clothing that can block this product, and depending on the operation, use protective boots, gloves, etc. Have eyewash and emergency shower facilities available.
- Observe all health and safety regulations on site.

Statement

The information provided in this product insert is based entirely on the knowledge we gain in the laboratory and practice. However, since the use of products is usually outside our control, we only guarantee the quality of the product itself. We reserve the right to amend the specification without prior notice.

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