

Epoxy Tile Grout P-20

PRODUCT INTRODUCTION

Perflex Epoxy Tile Grout P-20 is a two-component epoxy joint grout, made of high-tech polymer epoxy resin, hardener, high-grade pigments and additives. It is a semi-fluid liquid, packed into two-component plastic cartridge packaging, it can easily operate by automatic caulking gun.

FEATURE

It has high bonding strength, excellent physical properties such as non-sagging, tear/scratch/wear resistance. After curing, it is super anti-mildew, anti-bacterial, stain resistance, waterproof, moisture-proof, colorful, durable, smooth as porcelain, hard as diamond, bright as crystal, easy to clean, etc. The construction is very simple and convenient.

APPLICATION

Perflex Epoxy Grout P-20 is suitable for bonding, filling and beautifying the joint of ceramic or stone building materials such as ceramic tile floor, ceramic tile wall, washbasin, bathtub, toilet, kitchen table, door-crossing stone, etc.

MECHANICAL PROPERTY

Testing Item	Resin A	Hardener B
Appearance	Semi-fluid liquid	Thixotropic paste
Blend Ratio (by volume)	A : B = 1 : 1	
Odor Grade	≤3	
Working time (25C°*min)	30 min	
Original Curing	25C°*4h	
Hardness (Shore D) ≥	75	
Colloidal fluidity after blending	Thixotropic fluid	
Bonding Strength	≥5.5	
Wear Resistance (750 g.500 r)/g	≤0.050	
Sagging after blending?	No sagging	
Tensile Shear Strength/MPa	Standard condition	≥5.0
	High/low temperature switch.	≥3.0
Water absorbent 25C°24 hour (%)	< 0.2	
Waterproof / 24h	No change	
Chemical Resistance / 2h	No change	
Stain Resistance (Vinegar, soy, oil)/ 1h	No change	
Testing condition: 21-25C°,relative humidity 45-55%. Constructed by caulking gun.		

CONSTRUCTION METHOD

1. After the mortar solidified, the ceramic tile crevice must be cleaned, the impurities and dust in the ceramic tile crevice must be cleaned up with wallpaper knife and vacuum cleaner.
2. Use cleaning wax on both sides of the gap beforehand with proper amount, pay attention not to wipe wax into the gap.
3. Twist the tube cap, install it on the head of the double-tube sealant, cut the spiral rubber nozzle obliquely at the head by 45 degrees (the opening size depends on the size of the tile seam), and then install it in the rubber gun.
4. Extrude about 20 cm colloid (in order to mix it fully and remove bubbles), then inject the glue into the crevice of ceramic tile.
5. Press the ready glue on the crevice with with the seam press or steel ball.
6. After 4-24 hours (depending on the temperature), the glue cures completely, scrape off the excess glue on both sides of the gap with a scraper.

PACKAGE

400ml per plastic cartridge, 20 Cartridge per carton.

SHELF LIFE

24 months if the product is stored in a dry and cool place away from light.

CAUTIONS

1. The Storage of sealant should not be less than 5C°.
2. Construction temperature is suitable in the range of 15-30C°, too low temperature will affect the curing time and strength.
3. Impurities, dust, grease, clear water and other substances shall not be allowed during construction.
4. Do not touch or trample until the sealant is completely cured.
5. After use, the remaining glue can be put on the cover and can continue to use.