WP-001

High Elastic Polyurethane Waterproof Coating

Advantages

Pure polyurethane sealant, environment-friendly

Contains no asphalt, tar or any solvents, no harm to construction personnel

Free from pollution to the environment, no toxicity after curing, no corrosion to base material, high solid content

One component, convenient for construction, no need of mixing, surplus products should be kept in good air-proof package

Efficient: high strength and elasticity, resistant to acid and alkali, excellent bonding effect with concrete, tile and other substrates

Cost-effective: the coating expands a little after curing, which means it turns a little bit thicker after cured

PROPERTY	WP-001
Appearance	Grey
Density (g/cm³)	1.35±0.1
Tack Free Time (Hr)	3
Adhesion Elongation	666
Hardness (Shore A)	10
Resilience Rate (%)	118
Curing Speed (mm/24h)	3 ～ 5
Elongation at Break (%)	≥1000
Solid Content (%)	99.5
Operation Temperature	5-35 ℃
Service Temperature (℃)	-40~+80 ℃
Shelf Life (Month)	9

Storage Notice

1.Sealed and stored in cool and dry place.

2.It is suggested to be stored at 5~25 ℃, and the humidity is less than 50%RH.

3.If the temperature is higher than 40 ℃ or the humidity is more than 80%RH, the shelf life may be shorter.

Packing

500ml/Bag,

600ml/Sausage, 20kg/Pail

230kg/Drum

Applications

Waterproofing for basement, kitchen, bathroom, underground tunnel, deep wells structure and normal decoration

Leak-proofing and penetrating-proofing of reservoirs, water towers, swimming-pool, for Bath-pool, fountain pool, impounding reservoir, sewage cleaning pool and irrigation channel

Used for preventing of leaking, corrosion and penetrating for water tanks, underground Pipeline

Bonding and moisture-proofing of various floor tiles, marble, asbestos plank and so on

Operation

The substrate should be smooth, solid, clean, dry without sharp concave and convex points, honeycomb, pocking marks, peeling, free of bulges, greasy before application.

It is better coating 2 times with scraper. When the first coat isn't sticky, the second coat can be applied, the first layer is recommended being applied in thinner layer for better releasing gas generated during reaction. The second coat should be applied in different direction to the first coat. The optimal coating rate is 2.0kg/m² for thickness of 1.5mm.

Attention of operation

Wear suitable protective clothing, gloves and eye/face protection. After contact with skin, wash immediately with plenty of water and soap. In case of accident or if you feel unwell, seek medical advice immediately.

Warranty and Liability

All product properties and application details based on information are ensured to be reliable and accurate. But you still need to test its property and safety before application. All advices we supply can't be applied in any circumstances.

CHEMPU don't make assurance of any other applications outside the specification until CHEMPU supply a special written guarantee.

CHEMPU is only responsible to replace or refund if this product is defective within the warranty period stated above.

CHEMPU makes it clear that will not take responsible for any accidents.