
Polyurethane Joint Sealer sealant

Polyurethane sealer / sealant is one component, designed especially for joint sealing and elastic bonding for waterproof work. The one-component polyurethane sealant is a paste room temperature (RT)curing type product. The cured sealant is black and bright after solidification, and has high tensile strength and cohesiveness. It will expand slowly when it encounters water and moisture, and achieve the effect of stopping water leakage. it is anti-inflated, one-component water-swellable, moisture-curing, elastic sealant. It is based on a polyurethane prepolymer and contains a urethane paste with a special grafting technology. After curing, it has a dual sealing and water stopping mechanism that expands in volume when it meets water and seals elastically.

Application Scope

This product is mainly suitable for waterproofing of construction joints (including post-casting belts), deformation joints and embedded components of projects such as underground engineering of industrial and civil buildings, municipal tunnels, protective engineering, mountain and underwater tunnels, underground railways, sewage treatment ponds, and Treatment of leakage in existing projects.

Waterproofing of construction joint, pipeline and concrete iron in wall or cement board, Surrounding the concrete iron or joint and inner joint of cable

Product Features

1. Excellent adhesion on all cement-based materials, brick, glazed brick, metal and wood.
2. Neutral, no pollution and curing under normal temperature, Nontoxic and anti-mould. Excellent durability, No corrosion.
3. High abrasion resistance and tear strength, Good weathering and water resistance.
4. Good slump resistance, non-sag.
5. Apply directly on site, no need mix.
6. Can be painted, good compatibility with paints.

Packing and Storage

single component sealant 600ml sausage paking in aluminium foil;

750g/pc, 20pcs/carton, color in black grey, white

12 months stored dry below 25°C unopened in original packing from date of production

Technical Data Sheet

Appearance	Paste
Density	1.26 g/cm3

Sagging(N type)	0 mm
Cure time	46 min
Tensile Strength	2.70 MPa
100% Stretching strength	0.58 MPa
Elongation (%)	804.05
Hardness	41 Shore A
Application Temperature	5°C-35°C
Service Temperature	-40°C- +90°C(minimum 50°C in hot water)
Shelf Life	9 months stored dry below 25°C unopened in original packing upon production date

Product link : <https://www.sinomaco.com/?p=1804>