



Nantong Yu Ru Engineering Materials Co., LTD.,

Epoxy resin grouting material

1、 Product introduction

Two-component modified epoxy resin grouting material for high solid content, high penetration, room temperature hardening epoxy reinforcement repair. Suitable for crack repair, low heat when hardening, strong and tough structure, good shrinkage, excellent adhesion and anti-cracking of various structures.

2、 Product features

- ◇ High strength, strong adhesive relay, small shrinkage, stable chemical performance.
- ◇ Low viscosity, good perfusion performance, also has excellent perfusion performance for small crack.
- ◇ According to the site construction temperature adjustment ratio, flexible construction
- ◇ This product has the function of reinforcing, reinforcing, plugging, waterproof, anticorrosive and so on at the same time.

3、 Scope of application

- ◇ Reinforcement, reinforcement and leakage prevention of tunnels, subways and other underground structures.
- ◇ The beam, column, pile of honeycomb, cracks and other defects of the reinforcement, reinforcement, plugging leakage.
- ◇ Strengthening, waterproofing and seepage prevention of dykes, ports, wharves, swimming pools and water towers.
- ◇ Water pipeline, chemical pipeline interface seal, corrosion plugging, etc

4、 Key points of construction

- ◇ According to different types of proportion, mix A and B evenly according to the standard ratio, and inject them into structural cracks or gaps through the high-pressure perfusion machine.
- ◇ The amount of mixing should not exceed 30 minutes of grouting amount (about 2KG is recommended). Excessive mixing amount at a single time is likely to cause polymerization

reaction and accelerate curing.

◇ Not used up in time can material or viscosity has become very thick material, should be promptly discarded and toluene or acetone will clean the machine, so as not to block the machine.

◇ It is suggested that after the completion of the first grouting, the second grouting should be carried out at an interval of 60-90 minutes to achieve an effective repairing effect.

◇ After 3 days of grouting, the remaining epoxy solidified on the lining can be cleaned, the grouting needle removed, and the pinhole sealed with waterproof mortar.

5、Performance indicators

Item	Project	Index
1	Density of slurry/g/m ³ >	1.00
2	Initial viscosity/MPa.s <	500
3	Operational time/min >	30
4	Compressive strength/MPa	40
5	Tensile strength/MPa ≥	10
6	Permeability pressure/MPa ≥	1.0

6、Storage and transportation

◇ Keep in dry and cool place, away from open fire and heat source, shelf life under original package: 12 months.

◇ Transportation process, strictly prevent the sun and rain, no fireworks, manual to avoid collision, carefully prevent lifting hand loose fall and smash.