



Nantong Yu Ru Engineering Materials Co., LTD.,

Acrylic grouting material

1、 Product introduction

Acrylic grouting material is a kind of non-toxic and environmentally friendly grouting material with acrylic polymer as the main agent. Slurry viscosity is low, can be injected into the base of the micro cracks, solidification after the formation of a high flexibility, water can expand, impermeable elastic gel.

2、 Product features

◇ Low viscosity, high permeability environmental grouting material, suitable for any dense complex structure.

◇ The low shrinkage formula with high viscosity, strength and toughness can effectively reduce the repeated seepage of foundation settlement or structure expansion.

3、 Scope of application

◇ Anti-seepage grouting for DAMS, reservoirs, etc

◇ Seepage prevention and sealing of tunnel bushing

◇ Underground building, basement, kitchen, bathroom and other seepage plug leakage

◇ Seal cracks in concrete and rock structures against seepage and leakage

4、 Key points of construction

◇ Check the leaking part, clean the leaking part, confirm the crack type, drill hole, install the grouting nozzle on the effective grouting hole.

◇ According to the proportion of materials prepared into A, B two components, the use of double liquid high-pressure grouting machine, according to the volume of 1:1 construction, grouting machine should be kept dry before construction, no dirt.

◇ Starting from the first grouting nozzle from low to high, grout is injected and the pressure is gradually increased. When the grout appears in the adjacent grouting hole, it is moved to the next adjacent grout hole and the grout is continued. After all grout is finished, it is returned to the first grouting nozzle and grout again.

◇72 hours after the completion of grouting, check the leakage site for water seepage. If there is no water seepage, remove the grouting nozzle and seal and smooth the base surface with epoxy mortar or quick-dry cement.

◇After construction, immediately use cleaning agent to clean the desired equipment and tools in contact with slurry. Waste should be centralized treatment, not discarded at will.

5、 Performance indicators

Item	Project	Test results
1	Viscosity /MPa. S	8
2	Gel time /s	20
3	Permeability /cm/s	0.9×10^{-6}
4	PH	8.0
5	Compressive strength of sand body/kPa	255
6	Resistance to extrusion damage ratio	335
7	Water expansion rate/%	35

6、 Storage and transportation

Shelf life: 12 months from the date of production.