CYH-202

Single Component Semi-rigid Polyurethane

Advantages

- Underwater injection approved
- Good elastic strength, tolerant of movement
- Inert after curing, constant volume, no shrinkage
- Foam increases in volume to fill cavities and voids
- Excellent bond to wet surfaces
- Negative side application possible
- Deep penetration into very small cracks
- Dose not create new cracks

Uses

Areas of application include:

- Retaining walls
- Bathrooms
- Floor slabs
- Water tanks
- Terraces and balconies
- Patios
- RC gutters and planter boxes
- Swimming pools
- Suspended floors
- Basements and fountains

Technical & Physical Data

Form	Liquid Type
Color	Transparent Light Ivory
Solubility in Water	Semi-hydrophobic
Density (g/ml)	1.09
Viscosity, cps (KS F 4923)	150-250
Max. Expansion (25℃)	1,700 % [Ratio 10:1 Resin : Water]
Induction Time (25℃)	20 sec [Ratio 2:1 Resin:Water]
Gel Time (25℃)	80 sec [Ratio 2:1 Resin:Water]
Elongation at break (%)	>30
Strength (Sand Filled)	3 N/㎟
Appearance	White Polyurethane Foam
Corrosiveness	Non-Corrosive
Chemical Resistance	Resistant to more organic Solvent, Mild Acids, Alkali
Shelf Life	1 year when unopened and undamaged
Storage Condition	Store in a dry cool place
Packaging	20 kg/pail

Description

CYH-202 Semi-hydrophobic Polyurethane Grouting is used to stop leaks and fill underground voids. CYH-202 is a polymer solution which cures when reacted with water, CYH-202 can not only stop the water, but also it can stop or slow the deterioration of steel bar or other internal features of the concrete. This success is due to the placement of CYH-202 throughout the depth of the crack.

Important Notes

- Minimum ambient and substrate temperature is 5℃.
- Material shall be store in a dry cool place.
- Good storage stability for unopened containers at 15℃ ~ 30℃.