

CYH-303

Product Data Sheet

High Flexible PU foam (double component type)

Description

CYH-303 is self-reacting of double components (Resin & Hardener) type hydrophilic polyurethane which has polyether polyol properties.

CYH-303 applies to the leakage area for the waterstops where has vibration also because it has elastic property foaming ratio with water is very lower than normal PU foam (Hydrophobic type).

CYH-303 density is high and hardened foam is same like a rubber. Therefore, it is useful for the expansion joints and water leakage caused by deformation. Waterproof effects last semi-permanently. It provides strong physical strength after contact with water. So these properties brings excellent bonding strength to give the waterproof ability and reinforcement. It is high elastic PU material.

Feature

- The hardened foam cannot be fractured by compression test because it has elastic characteristic material.
- It has strong adhesive. So it has strength and high elasticity on both wet and dry cracks because it is self-reactive type, dual components PU resin.
Also, it has an effective on reinforcement and waterstops.
- CYH-303 provides good waterproof effect because of it's low viscosity and it's enable to penetrate into fine crack. Also it is easy to inject the fine leakage areas.
- You have enough time (approximately 60~100min) to inject PU resin after you mix the double (Main & Hardener) components, So you are able to inject the PU foam by using single component injection pump (CY-1000, CY-800M1).

Use

- Tunnel, Expansion joint. Basement. Moving structure.
- Utility boxes, Sewers, Dams, Subway(Metro) Concrete joints. Defective concrete.
- Underground concret structures, Basement parking area.
- For repair of dry & wet cracks and reinforcement for every concrete structure.

Important Notes

- Minimum ambient and substrate temperature is 5°C
- Store in cool and dry places.
- Good storage stability for unopened containers at 15-30°C

CYH-303 Specification			
	Base Agent	Curing Agent	Remarks
Apperance	No Color	Dark Brown Liquid	
Mixing rate	1	1	Weight ratio
Specific Gravity	1.0 ± 0.1	1.0 ± 0.1	
Viscosity ((mPas)	150~200	150~250	
Mixture Viscosity	200 ± 100		25°C
Port life (min)	60		25°C
Curing Time (Hrs.)	24		
Packing unit	10kg	10kg	