

**Epoxy
Injection grouting**



EPOJEC[®]

Epoxy Injection Grouting

JV POLYMERS
innovative coating

DESCRIPTION

EPOJEC is an two component type of epoxy resin-based precision grout used to secure critical equipment for proper alignment and transmission of static and dynamic loads. With carefully balanced physical properties and excellent resistance to chemical attack. elevated service temperature, vibration and torque, it is formulated for easy installation, with good flow characteristics suitable for pouring and pumping, low dust generation water cleanup.

EPOJEC has two grades EPOJEC-LV41(low-viscosity) and EPOJEC-MV21(mid-viscosity).

1)EPOJEC-LV41 : Solvent-free room temperature curing grouting.

It has high adhesive strength, penetrating depth and low viscosity.

2)EPOJEC-MV21 : Solvent-free mid-viscosity for grouting, it has high adhesive strength, penetrating and low shrink for crack width 2mm-5mm.

RECOMMENDED USAGE

- Used in concrete structure for adhesive in damage part. It is grouting injection for safety.

STORAGE REQUIREMENTS

- Store at 18-25°C and 65% humidity
- Prohibit exposure to moisture and direct sunlight

SHELF LIFE

- EPOJEC-LV41/MV21 : 12 month from manufacturing date

MIXING RATIO

- EPOJEC-LV41/MV21 mixing ratio : 100(Resin) : 50(Hardener) (wt%)

PACKING

- EPOJEC-LV41/MV21 set : 20KG(Resin)+10KG(Hardener)

FOR BEST PERFORMANCE

- Do not add solvent, water, or any other material to the grout
- Do not alter the resin or hardener proportions
- Substrate temperature must be greater than 10°C
- Following proper installation procedures also reduces the potential for cracking

TEST DATA

Analysis Items	Unit	EPOJEC-LV41		EPOJEC-MV21	
		Resin	Hardener	Resin	Hardener
Color	-	Clear	Brown	Clear	Brown
Viscosity	cps/25°C	360-500	50-90	700-1,100	400-900
Specific Gravity	-	1.12±0.05	1.00±0.05	1.15±0.05	0.98±0.05
Pot life	Min(100g*25°C)	30		30	
Tensile strength	N/mm ²	>30		>30	
Flexural strength	N/mm ²	>45		>45	
Compressive strength	N/mm ²	>60		>80	
Shore D	-	>80		>80	

GUIDELINES

All equipment, pumps and hoses must be dry. Avoid moisture contact with the mixture to prevent premature reaction. If product foams while pumping, immediately shut down the machine and flush with a cleaner to avoid built up and clogging of the equipment

Customer Service

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Technical Service

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