

Date of issue: June 2021
Revision No : 2**Product Name**

EMPEYOL STP 131

Product Description

EMPEYOL STP 131 two part polyurethane system is a solvent-free, low viscosity high tensile strength polyurethane based system designed to form a strong permanent bond and seal in cracks in dry, damp or wet concrete and masonry.

Properties of Polyol

Characteristics	Unit	Specification
Appearance	-	Light yellow Liquid
Density @25°C	g/cc	1.01 + 0.02
Viscosity @25°C	cps	382 + 50
Application time	minutes	Approx. 40

Application

- Used to form bowl-shaped sealing layers around construction, since it adheres well to sand and concrete (wet or dry).
- For injecting into cracks for, dry, damp or wet concrete or masonry. Especially as an Underlay for poorly ventilated working areas.
- Sealing and stabilizing of cracks and cavities in loose rock, mountain rock and similar areas

Advantages

- Even underwater, it provides very effective sealing, bonds with the above sealing materials and sealing foils.
- Low viscosity allows penetration into fine cracks.
- Good adhesion to dry/wet substrates.
- High tensile strength, withstands high hydrostatic pressure.
- Displaces water optimally.
- Formulated to use in hot climates.
- Flexible to withstand differential movement.

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Packaging Size	200 and 25 Kg Nett
Shelf life	6 Months, it kept carefully in unopened condition.
Storage and Handling	Should be stored in a dry and cool place away from direct sunlight. Before use the container should be shake well.
Surface Preparation	Clean the surface and remove any dust, unsound or contaminated material, paint, grease, corrosion deposits or algae. The surface should preferably be prepared using high pressure water jetting or light abrasive blasting, followed by thorough washing to remove dust and remaining particles. Dirt alone may be removed with wire brush cleaning detergent scrubbing or the use of an appropriate degreaser. The effectiveness of decontamination can be accessed by a pull-off test. Blow the cracks and treated surface with oil free air to ensure complete removal of all dust and loose particles. Ensure that the surfaces are
Application	EMPEYOL STP 131 should be mixed with EMPEYONATE IRD 200 using atwo-component injection-pump with suitable static mixer. (e. g.30 cm spiral static mixer or 20 inline static mixer)
Cleaning	In case of an interval longer for to successive injection, the static mixer should be thoroughly flushed with suitable thinner. Partially and completely cured material can only be removed.
Health and Safety Advice	Some people are sensitive to resin systems. Gloves and a barrier cream such as Kerodex Antisolvent, Wet-Work should be used when handling these products. If contact with the resin occurs, it must be removed before it hardens with a resin removing cream such as kerocleanse standard grade Skin cleanseror Rozaklens Industrial Skin cleanser. Follow by washing with soap and water. Do not use solvent. The use of goggles is recommended but should accidental eye contamination occur, wash thoroughly with plenty of water and seek medical advice. Ensure adequate ventilation when using resin and solvent containing materials. It may cause slight irritation on contact with skin and eyes, at which time, it is recommended to wash the affected part with copious amounts of water.

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