

SmartCare APCOREP Inject Grout

APCOREP Inject Grout is a low viscosity epoxy resin system comprising of Base (Epoxy Resin) and Hardener. This system has an excellent bond with the concrete structures and by virtue of its low viscosity it can penetrate into the finer cracks present in the concrete.



PRODUCT BENEFITS

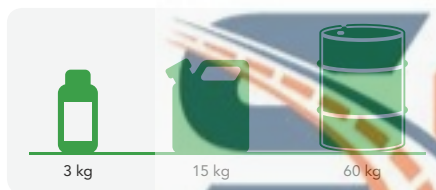
- Excellent bond strength with concrete structures
- Low Viscosity resulting in penetration into finer cracks present in the concrete
- Non-shrink and 100% solids ensuring no voids
- Excellent Flexural, Tensile and Compressive strength, original strength of the concrete is restored

RECOMMENDED USAGE

- For repairs of deteriorated concrete structural elements for strength and durability.
- To create proper bond between separate concrete elements.
- Grouting of honeycombs and cavities in concrete structures and grouting baseplates of machine foundations.

PRODUCT FEATURES

AVAILABLE PACKS



Shelf life: 12 months from the date of manufacture when stored in original un-opened packaging under normal conditions.

POT LIFE



COLOURS AVAILABLE



HOW TO APPLY

- The cracks and openings at junctions shall be cleaned for placing injection nipples. Thereafter the injection points placed approx. between 150 mm to 300 mm and shall be drilled to the depth of 75 mm to 125 mm. All the dust and loose particles shall be cleaned from the drilled points.
- Injection nipples be placed and grouted with non-shrinking epoxy putty/grout (HV grade). Even the cracks or openings between the injection points shall be sealed with putty.
- Using an injection system, low viscosity grout shall be injected through nipples. The process shall continue till the firm resistance from the surface is received. The pressure of injection may vary from 4 kg/cm² to 7 kg/cm².

ADDITIONAL INFORMATION

Technical Data	
Test	Results
Mixing Ratio ; B : H	2 : 1 by weight
Appearance after mixing	Brown Flowable Liquid
Mixed Viscosity @ 27 deg C	340 cps
Compressive strength, Mpa 7 days	88
Tensile Strength, Mpa 7 days	60
Flexural Strength, MPa 7 days	30