

# SmartCare APCOREP Injection Grout LV

High Molecular Weight Polymer (LV Grade) Grout

asianpaints  
**LEAD FREE<sup>+</sup> GUARANTEE** 

\* All Asian Paints products contain no added Lead, Mercury, Arsenic or Chromium from April 2008.

APCOREP Injection Grout LV is a low viscosity high molecular weight thermosett polymer. Due to its low viscosity, cracks and honeycombs in concrete are filled up to full depth of concrete.

## TYPICAL APPLICATIONS

For strengthening honeycombed concrete, cracks in RCC, rehabilitation of fire and explosion damaged structures, sealer for concrete bridge decks, industrial floors for sealing cracks in concrete roads, terraces, foundations, etc. repairs of TG foundations, Crusher foundation, Polymer impregnated concrete applications.

## PRODUCT BENEFITS

- By virtue of low viscosity APCOREP Injection Grout LV penetrates into the concrete even through fine hair cracks and strengthens the matrix.
- Seals cracks/honeycombs in concrete under very low pressure of 5 – 10 Psi.
- Grouting can be done by gravity pouring/pressure grouting.
- Excellent adhesion and chemical resistance.

## APPLICATION PROCEDURE

1. Surface preparation is an essential part of the application. It is necessary to clean and dry the concrete surface prior to use.
2. Mix APCOREP Injection Grout LV as specified and use it for injection/gravity pouring /flooding within scheduled pot life.
3. Curing in air for 24 hours prior to use

## ADDITIONAL INFORMATION

Technical Data	
Base	High Molecular Weight Polymer
Mix Proportion	Base : Curing Agent 975 gms. : 25gms
Toxicity	Non Toxic on cure
Odour	Non obstructive
Viscosity	Less than 5 cps (Waterlike)
Specific Gravity	Min 0.95
Compressive Strength as per ASSTM-D-695 (7Days)	60 N/mm <sup>2</sup>
Flexural Strength as per ASSTM-D-790 (7Days)	35 N/mm <sup>2</sup>
Tensile Strength as per ASSTM-D-638-91 (7Days)	20 N/mm <sup>2</sup>
Application	Bygravity pouring / pressure grouting/Flooding
Pot life	30 minutes for 500 gms. mix at 25°C
Shelf Life	3 monts
Packing	9 Kg Base and 1 Kg Hardener