

# DECK GROUT EPSL

Epoxy Resin based Self Levelling Grout



## Introduction

Deck Grout EPSL is a nonshrink, high strength solvent free self levelling epoxy grout based on high strength epoxy resin and graded aggregates. It has excellent bonding properties and toughness. Deck Grout EPSL can be applied on concrete, stone, steel, aluminium, wood, PVC, polyester as selflevelling epoxy mortar.

## Application Area

- Grouting of crash barrier post, bearing plates, machine bases
- Encasing steel in concrete
- Grouting of concrete core cut filled PVC or steel pipe
- Filling rigid joints in concrete

## Key Features

- No volatile vapour emission thus can be applied in closed area
- Excellent bonding with concrete, brick, stone, steel and PVC
- No shrinkage
- High compressive and flexural strength
- Ready to mix, pre batched components

## Technical Data

Appearance	Grey	
Consistency	Viscous liquid	
Mixing ratio	Part A	1 by wt.
	Part B	0.5
	Part C	2.5
Pot life	45 Min@25o <sup>c</sup>	
Density of mix	1.7 g/ml	
Application temperature	10 to 40 o <sup>c</sup>	
Touch dry time	10-12 hours	
Full cure time	7 Days	
Bond strength	>3 N/mm <sup>2</sup>	
Tensile strength	>20 N/mm <sup>2</sup>	

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## Application Procedure

- 1) Make sure the surface is free from debris, dust, oil, laitance, paint, grease etc.
- 2) Grind the concrete surface properly using hand held grinder machine. Remove dust using vacuum system or air blower.
- 3) Open Deck Grout EPSL container and mix all the three pre batched components in the container using a low RPM (300-400) hand held helical stirrer till a homogeneous mass of uniform colour is obtained.
- 4) Fill the grouting area and to facilitate filling of pores tap the grout using rod of suitable size. Mechanical vibration is not necessary.

## Storage

Deck Grout EPSL must be stored at room temperature in the original container with the lid closed appropriately. Avoid extreme temperatures and direct exposure to sunlight. Shelf life is at least 6 months from the date of manufacture.

## Packaging

4 Kg. Pails

## Health and Safety

Deck Grout EPSL is a nontoxic and nonflammable product. It does not create a fire hazard. Avoid prolong contact with skin. In case material comes in contact with eyes, rinse your eyes with copious amount of clean water. Use protection - creams / gloves in case of sensitive skins. It is easy to clean with water when the material is wet.

## Product Disclaimer

This product is manufactured with utmost care and precautions using best available materials, techniques and keeping in view the end use and assured performance. However, no specific guarantee can be given since the application of the product (prevailing site and environmental conditions while applying etc.) is beyond our control. We therefore welcome consultation in the event of doubt about application performance.