

## **EPSIN-3G**

### ***3 COMPONENT, EPOXY RESIN, FREE FLOWING GROUT***

**DESCRIPTION:**

Epsin-3G is a three component, epoxy resin, free flowing grout. It is particularly used where long working time is required. Also it is used for grouting at high temperature and to fill large gaps upto 300mm.

**ADVANTAGES:**

- ✓ Easy to use
- ✓ Shrink Free
- ✓ Highly resistant to vibration/impact
- ✓ Chemical resistant
- ✓ Resistant to thermal expansion
- ✓ High compressive strength

**AREAS OF APPLICATION:**

It is used for high strength grouting and fixing of anchors, crash barrier posts, fence and railing posts, machine bases, vibrating machines, pumps and presses, bridge bearings, mechanical joints like roads and bridges, light rail and permanent way in tunnels, over bridges, starter bars and tie rods.

**SPECIFICATIONS:**

|   |   |
|---|---|
| Base                                      | Epoxy   |
| System                                    | 3 component (Resin: Hardener: Filler, 40:20:40) |
| Colour                                    | Grey  |
| Compressive strength                      |   |
| 1 day                                     | 45 N/mm <sup>2</sup>                            |
| 7 days                                    | >60 N/mm <sup>2</sup>                           |
| Bond strength (on concrete after 2 weeks) | >10 N/mm <sup>2</sup>                           |

### **PREPARATION:**

Substrates must be sound, clean and free from laitance, grease, oils, old surface treatments or coatings and all loose or friable particles must be removed to achieve a laitance and contaminant free, open textured surface.

#### **Steel:**

Must be cleaned and prepared thoroughly by blast cleaning and vacuum. Surface and base plate contact area must be clean and sound. Remove dust, laitance, oils, grease, curing compounds, impregnations, waxes, foreign particles, coatings, and disintegrated materials by mechanical means, i.e. chipping with a chisel, blast cleaning etc. All anchor pockets or sleeves must be free of water. Apply grout immediately to prevent re-oxidizing / rust formation.

### **CLEANING**

Fresh material can be washed off with water. After setting, it can only be removed mechanically.

### **SAFETY PRECAUTIONS:**

Keep away from moisture and humidity. Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

### **PACKING:**

Available in 25kg bags.

*WARRANTY CLAUSE: The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*