

# PENTENS E-GROUT

## Epoxy Putty Adhesive

## Product Data Sheet

### Description

PENTENS E-GROUT is a 2-component pre-packed epoxy mortar based on epoxy resin for the bonding and repair of cracked concrete, brickwork, masonry or for wall and slab bedding bearing pads.

### Uses

Adhesive mortar used for bonding reinforcement to :

- Concrete, stone
- Steel

For structural bonding of:

- PENTENS LP-504 Low Pressure Epoxy Crack Injection System to concrete, steel and timber
- Steel plates to concrete
- Concrete elements
- Bridge segments

For anchoring of:

- Starter bars
- Wall anchors
- Fixings, etc.

For anchoring of:

- Holes
- Dimensional inaccuracies, etc.

### Advantages

- Low VOC.
- Environmentally friendly.
- High elasticity.
- Bond to most surfaces.
- Resists a wide range of acids and alkalis.
- Can be applied directly on damp or wet surfaces.
- Odorless and produces no fumes.
- Non-toxic.

### Technical & Physical Data

|                                                 |                                         |
|-------------------------------------------------|-----------------------------------------|
| Form                                            | Creamy paste                            |
| Color (mixed)                                   | Light grey                              |
| Density                                         | 1.2kg                                   |
| Flexural Strength<br>(after 7 days)             | 20N/mm <sup>2</sup>                     |
| Compressive Strength<br>(after 7 days)          | 60N/mm <sup>2</sup>                     |
| Chemical Resistance<br>(10% HCOOH, 60°C, 24hrs) | No changes on the surface of the sample |
| Pot Life (at 30°C)                              | 20 minutes                              |
| Shelf Life                                      | 1 year in original unopened packaging   |
| Storage Condition                               | Store in a dry, cool place              |
| Packaging                                       |                                         |
| ■ Part : A                                      | 700g /pail                              |
| ■ Part : B                                      | 300g /pail                              |

### Important Notes

1. Minimum ambient and substrate temperature is 5°C.
2. Apply only on clean substrate. Surfaces should be free from water and leakages.

## Instruction for Use

### Substrate Preparation

All surfaces must be clean, free from grease, oil, and laitance. Remove all dirt and contaminants which might affect the adhesion.

### Application

PENTENS E-GROUT must be mixed homogeneously prior to the application using hand, mechanical tools or pneumatic power stirrer at approximately 300-400 rpm. Apply directly on the surface or patch into voids or holes for crack repairs.

### Cleaning

Tools and equipment can be cleaned with thinner immediately after use. Cured material can only be removed mechanically. If contact with skin occurs, wash the hands and skin thoroughly with warm soap water.

### Safety

PENTENS E-GROUT may cause skin irritation (dermatitis). Wear protective clothing (gloves and safety glasses). Cover hands with barrier cream before starting work. If the material comes in contact with eyes, rinse thoroughly with clean warm water and seek medical advice if irritation persists.