

PENTENS E-GROUT

Epoxy Putty Adhesive

Product Data Sheet

Description

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

Uses

As an adhesive for bonding reinforcement, adhesive mortar 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 vertical and overhead filling of:

- Holes
- Dimensional inaccuracies, etc.

Advantages

- High strength
- Non-sag in vertical and overhead applications
- Sets without tackiness, even in high atmospheric humidity
- Solvent free
- High creep resistance under permanent load
- High mechanical strength
- High abrasion and shock resistance
- Shrinkage-free curing
- Easy application

Technical & Physical Data

Consistency	Creamy paste
Colour (mixed)	Light grey
Density	1.2kg
Flexural Strength (after 7 days)	20N/mm ²
Compressive Strength (after 7 days)	30N/mm ²
Chemical Resistance (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 to clean, surfaces should be free of surface water and leaks.

Instruction for Use

Substrate preparation

All the surface must be clean, free from grease, oil, laitance and remove all the dirt and contaminants, which might affect adhesion. The impurity outside the structure body should be cleaned thoroughly.

Application

Primer : PENTENS E-008A and PENTENS E-008B of solvent free epoxy primer to be mixed until a homogeneous and apply with brush or roller to the surface.

PENTENS E-GROUT must be mixed homogeneously prior to application, using by hand or electric or pneumatic power stirrer with approximately 300-400 rpm, and directly apply to the surface, or patching to voids or holes for cracks repair.

Cleaning

Tools and equipment just can be clean with thinner immediately after use. Cured material can only be removed mechanically. Wash hands and skin thoroughly in warm soap water.

Safety

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