

: Natural Off-White/Cream

: 2lt:1lt:9kg

: 100%

: 1.08

 $: 1m^2/\ell$ 

: 8 hrs

: 24 hrs

: 7 days

: 10 to 40°C

: 10 to 40°C

: P701 WSBC

: 12 months

: -20°C to +60°C

: 11 litres (12kg) Total

: 6 - 20 mm : 40 min

: 3 (Base : Activator : Aggregate)

: Thick Mortar (Light Weight)

# TECHNICAL DATA SHEET

# P303

V2-31/03/2024

# **EPOXY MORTAR LITE**

### **DESCRIPTION**

P303 Epoxy Mortar Lite is a heavy-duty repair and screeding system for vertical repairs and screeds

# **PROPERTIES**

- Compressive strength: 70 n/mm<sup>2</sup> astm
- Tensile strength: 18 n/mm<sup>2</sup> astm p638-76
- Flexural strength: 30 n/mm<sup>2</sup> astm p790-86
- Bond strength: Concrete Fails.
- Good Adhesion
- Water Smoothable

pump bases in areas exposed to high traffic along with chemical & solvent spillage. Such as: mining, water &waste treatment, paper & pulp, sugar refining, food

factories, dairies & breweries. Also used as a concrete repair mortar and tile grout.

**RECOMMENDED AREAS FOR USE** 

Used for walls, ceilings, plinths, tanks and

#### **CHEMICAL RESISTANCE**

**COLOUR** 

N°. OF COMPONENTS

**MIXED DENSITY (RESIN)** 

**DRY FILM THICKNESS** 

LIGHT TRAFFIC @ 25°C

APPLICATION TEMPERATURE

**OPERATING TEMPERATURE** 

STORAGE TEMPERATURE

**CLEANING EQUIPMENT** 

POT LIFE @ 25°C

**FULL CURE** 

SHELF LIFE

**PACK SIZE** 

HARD DRY @ 25°C

**PRACTICAL SPREAD RATES** 

**MIXING RATIO** 

CONSISTENCY **VOLUME SOLIDS** 

Resistant to most dilute acids & alkalis, petroleum products & salt water.

### **SURFACE PREPARATION**

All surfaces must be clean & mechanically sound and free of oil, dirt & dust. Concrete and cement screeds to preferably have a woodfloat finish, with a minimum compressive strength of 25mPa. Abrasive blast, diamond grind or acid etch to remove laitance.

#### **PRIMING**

Prime with P303 Epoxy Mortar Lite Resin @ 5m<sup>2</sup>/Ł. Broadcast No. 1 sand aggregate @ 1.5kg/m<sup>2</sup> onto the wet primer and allow to cure.

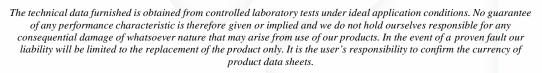
#### APPLICATION

Thoroughly mix the resin and activator in the proportions given, then add the aggregate using a slow speed mechanical mixer. Using a trowel apply the epoxy screed to a nominal thickness of 6 - 20mm using a nylon or PVC float. Keep wiping the float with water.

Allow to cure for at least 12 hours then seal with the specified Pendong sealer.

#### **SPECIAL NOTES**

- Allowance must be made for expansion joints. Pendong manufactures a flexible polyurethane joint sealant
- Pendong also produces a non-shrink epoxy grout (P311) for machine bedding, bolt fixing, vertical surfaces and underwater curing system.







# **TOXICITY**

Although P303 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy resinsystems be adhered to.

# **HOW TO SPECIFY**

All areas to be prepared, primed and screeded with P303 Epoxy Mortar Lite to a minimum thickness of 6mm in accordance with themanufacturer's instructions.

