



CRETESTONE

CRETOXY HP 100 2K

[Two Component Epoxy Based Tile Grout]

Description

CRETOXY HP 100 2K is a 2-part, high performance, chemical resistant epoxy grout for internal and external applications. It is non sag, non shrink, easy to apply, easy clean up and is color consistent. It is stain resistant, impermeable, and has high temperature resistance.

CRETOXY HP 100 2K offers maximum protection against staining, and chemical attack from food, beverages, chemicals and cleaning detergents. It is suitable for prolonged contact with water in fully immersed applications in pools and spas.

CRETOXY HP 100 2K is available in a range of designer colors, suited for areas that require a decorative chemical resistant colored grout.

Features

- Low shrinkage
- Can be used in exterior and interior application.
- Easy mixing and application
- Color consistent and stain resistant.
- Non sag in vertical application.
- High strength and abrasion resistant
- Available in over 10 shades

Technical Data

Pot Life	:	45-60 Minutes
Foot Traffic	:	24 hours appx
Heavy traffic	:	7 Days
Temperature resistance	:	Upto 90°C
Resistance to solvents	:	Very Good
Chemical resistance	:	Excellent
Compressive strength	:	≥ 4.5 Mpa
Specific Gravity	:	1.8
Linear Shrinkage	:	Nil

Mixing Instructions

1. Empty part A and part B into the bucket supplied and mix thoroughly.
2. Use within 45 minutes.
3. Do not mix part portions.

Surface Preparation

- The design and installation of ceramic tiles.
- The tile adhesive should be completely set before grouting can take place.
- Ensure that joints to be grouted are sound (no cracks or crumbling), clean, free of dust and contaminants.
- Ensure that the joints are free of excess tile adhesive.

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- Tiles with absorbent surfaces (e.g. unglazed tiles, natural stone etc.) should be sealed with a suitable product prior to grouting to prevent staining.

Application

1. The epoxy chemical reaction is highly dependent upon the ambient temperature. High temperatures will significantly speed up the reaction and reduce the pot life. Do not work with the product if the ambient temperature is lower than 10°C or higher than 30°C.
2. Apply CRETOXY HP 100 2K liberally to the surface and work into the joints with a grout squeegee taking care to completely fill the joint.
3. Remove excess grout and level the surface by moving the grout squeegee diagonally across the Joints while the mix is still fresh.
4. Within 20 min., remove the excess grout residue from the tiles with a damp (but not wet) sponge. Rinse the sponge frequently to achieve the best results.
5. Do not allow the epoxy grout to fully cure before cleaning. Difficult to clean deposits can be removed with lacquer thinners.

Coverage

Since the coverage of this product is dependent upon the dimensions of the joints, the amount of grout required can be accurately determined by the following formula:-

$$\text{Kg of grout per Square mtr} = \frac{(A + B) \times C \times D \times 1.8}{(A \times B)}$$

Where

A = length of the tile in mm

B = width of the tile in mm

C = thickness of the tile in mm

D = average width of the joint in mm

Packing

CRETOXY HP 100 2K is available in 1Kg and 5 Kg Packs.

Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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