



ARDA CTF-002

(Filler Grout for Tile)

Description

ARDA CTF-002 is a high quality fine, polymer-modified, water-resistant, OPC cement, Silica sand and various minerals as well as pigments -based powder grout designed for grouting glazed wall tiles, mosaics, vitrified & fully vitrified tiles, floor tiles, industrial floor tiles, etc.

Technical Information

Form	Powder
Colour	Super white, ivory, light brown, brown, light grey, dove grey & terra cotta
Pot life	2-3 hrs @ 25 ⁰ C
Open Time	30-40 min @ 25 ⁰ C
Dry Density	1.30 +/- 0.05
Wet Density	1.80 +/- 0.05
Compressive Strength	34 N/mm ² @ 28 days
Flexural Strength	0.90 N/mm ² @ 28 days

Application-

ARDA CTF-002 is designed to fill tile joints on walls and floors up to a maximum width of 10-12 mm for both interior and exterior applications.

Advantages

- ✚ Suitable for use on wall and floors
- ✚ Low shrinkage – suitable for wide grouting up to 10-12 mm
- ✚ Good water resistance – can be used indoors and outdoors
- ✚ Excellent workability – easy to spread and smooth
- ✚ Available in a variety of colours
- ✚ Good anti slump/non sag properties – easily applied to vertical surfaces



Method of Application-

1. SURFACE PREPRATION

- ❖ Allow tile adhesive a minimum of 24 hours to cure before grouting
- ❖ Minimum joint width for walls is 2 mm and for floors 3 mm
- ❖ Joint surfaces must be firm, clean and free from loose materials and adhesive residue
- ❖ It is advisable to moisten the joints before applying the grout so as to assist the flow of the grout into the joints and to reduce shrinkage of the grout at the tile – grout interface for unsealed tiles (water absorption).
- ❖ Do not grout over expansion or movement joints
- ❖ It is recommended that quarry or porous non-glazed tiles are sealed prior to grouting in order to prevent any staining.

2 MIXING-

Add **1 Part** of cold, clean, **Potable** water for **3 part** of **ARDA CTF-002 grout powder**.

Take water in the container and slowly add the powder in to the water while mixing by hand or slow speed mixing machine and mix until a uniform, lump-free, smooth, thick consistency is achieved.

APPLICATION-

- + Liberally apply **ARDA CTF-002** to the surface to be grouted and work the grout into the joints with a rubber sponge trowel or rubber grout squeegee. Cover an area of approximately 1m² at a time
- + Ensure joints are completely filled
- + Excess **ARDA CTF-002** must be worked away from the joints and cleaned off as work progresses to avoid hardening in undesirable areas
- + The grouted joints must be left to dry and harden for ± 2 hours before removing excess grout with a damp (not wet) sponge
- + The joints can be finished off by pointing along the joint lines
- + Do not leave any excess moisture on the surface of the grout joints which may cause efflorescence on drying
- + The joints must be allowed to dry for 24 hours before polishing with a clean dry cloth
- + For exterior applications ensure that the grouting is protected from the elements for the first 24hrs (direct sunlight, wind & rain)



Coverage

Using the following formula it is possible to arrive at the quantity of **ARDA CTF-002**

Required per square meter of tiling.

$$\text{Kg / M}^2 = \frac{A + B}{(A \times B) \times (C \times D)} \times 1.8$$

A = Length of tile, B = Width of tile, C = Thickness of tile, D = Average joint width Tile Size (150x150x4mm) with a 3mm joint:

$$= 0.27 \text{ kg/m}^2$$

Tile Size (300x300x8mm) with a 10mm joint =

$$0.91 \text{ kg/m}^2$$

Safety instructions-

Do not ingest. Keep away from children and pets. Do not empty into drains. Wear rubber gloves. Avoid contact with eyes. Allow any unused product to dry before disposing of the container. In the event of skin or eye contamination, rinse thoroughly with cold water. Seek medical assistance if irritation or discomfort persists.

SHELF LIFE-

ARDA CTF-002 GROUT has a shelf life of 12 months when stored in normal dry and moister free conditions.

Packing Size-

500 gm, 1 kg, 5 kg and 20 kg bag.