

Roff Grout GP



COLOURED WATER RESISTANT POLYMER MODIFIED TILE GROUT

Description

Roff Grout GP is water resistant, single component, polymer modified cementitious grout suitable for interior and exterior, domestic and commercial use. Roff Grout GP is supplied in a range of standard colours.

Classification in compliance with ISO 13007: Roff Grout GP is improved (2) cementitious (C) grout (G) classified as CG2

Typical Applications

- Interior & exterior tiling applications
- Residential
- Commercial

Features

- Water resistant
- Suitable for wet areas
- Suitable for joint up to 6mm wide
- Designed for Middle East Climate

Packaging

20 kg bags

Method of Application

1 SURFACE PREPARATION

- All surfaces must be sound, clean and free of any trace of dirt, oil or grease. Ensure the joint lines are dampened using potable water to neutralize the water absorption of the substrate.

2 MIXING

- One bag of Roff Grout GP should be added slowly to 6.5 to 7 litres of clean potable water, or approximately 2 parts powder to 1 part water by volume. Mix using a heavy duty paddle mixer to achieve a lump free viscous paste consistency. Roff Grout GP should be used within its pot life of 1 hour. Dispose of any material not used within the pot life.

3 APPLICATION

- Glazed Finishes: Working on an area of approximately 1m², apply the mixed grout directly to the surface using a rubber squeegee, working the material to fill the joints completely. Remove excess grout from the tile surface using a damp sponge, before the grout sets. The grout can be smoothed using a grout finishing tool.

- Any fine grout residue in the form of haze on the tiles can be lightly polished off using a clean dry cloth when the grout becomes firm.
- Unglazed or stone tiles must be “pointed” using a pointing/caulking gun and the extruded material allowed to firm before tooling to finishing flush. Grout should not be permitted to touch the tile surface as it is likely to stain.
- Protect the finished grouting against water until it has cured. Do not fill swimming pools for three weeks or use showers for 48 hours following application.

4 CLEANING

- All tools should be cleaned using water prior to curing. Cured material can only be removed mechanically.

Note:

- There should be a fully functioning vapour barrier below all concrete substrates.

TECHNICAL DATA

Type	Powder
Colour	Grey & White
Density of mix (kg/m ³)	1700 ± 100
Water/Powder ratio by weight	0.32-0.37
VOC Content	<1% (complies to EMICODE EC1)
Water absorption (g) Under standard condition as per ISO 13007-4	<2gr (30 mins) <5gr (240 mins)
Shrinkage as per ISO 13007-4	<3 mm/m
Flexural strength as per ISO 13007-4	>2.5 N/mm ²
Compressive strength as per ISO 13007-4	>15N/mm ²

Grout Consumption Formula

$$C = 1.80 \times E \times H \times [(L + W) / (L \times W)]$$

C is Consumption (kg/m²)

E is Joint Width (mm)

H is Tile Thickness (mm)

L is Tile Length (mm)

W is Tile Width (mm)

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TECHNICAL DATA IN COMPLIANCE WITH
ISO 13007 as CG2
European EN as CG2
American ANSI 118.7

Storage

When stored in dry conditions in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C and high humidity (above 50%) will reduce shelf life and product performance.

Health and safety Precautions

This product contains cement, and contact with the skin can cause irritation. It should not be inhaled, and a properly designed and maintained face mask should be used whilst handling, pouring and mixing. Avoid contact with the mixed product by working carefully, using barrier cream and wearing protective gloves. In the event of skin contact, wash immediately and thoroughly with clean water. Avoid contact with eyes, use eye protection. If contact with eyes occurs, irrigate with water for 20 minutes and seek medical advice. Do not ingest, if mistakenly ingested, drink plenty of clean water and seek medical advice.

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