



# ARACO FLEXIBLE TILE GROUT

**High Performance Cementitious Tile Grout with reduced water absorption**

## Product Description

**ARACO FLEXIBLE TILE GROUT** is a single component cement-based non-shrink anti-microbial and water resistant tile grout.

**ARACO FLEXIBLE TILE GROUT** is composed of hydraulic binders, selected fillers, and special additives. Once mixed with water, **ARACO FLEXIBLE TILE GROUT** produces an easily workable mortar.

**ARACO FLEXIBLE TILE GROUT** is available in a wide range of colors. It contains special biocides that kill biological agents and prevent bacterial and algae growth.

**ARACO FLEXIBLE TILE GROUT** is classified as CG class 2 W according to the European Norm EN 13888:2009.

## Uses

**ARACO FLEXIBLE TILE GROUT** can be used with different type of tiles such as ceramic, porcelain, glass mosaic, marble, granite, etc. **ARACO FLEXIBLE TILE GROUT** is suitable for filling joints in external and internal areas such as:

- Wet Rooms
- Stairs
- Hospitals
- Parking
- Swimming Pool
- Universities

## Advantages

- Hydrophobic properties
- Non-Shrinkage material
- Abrasion resistance
- Anti-microbial properties
- Thixotropic properties
- Good bond strength
- Easily to apply
- Good mechanical and physical properties

## Characteristics

Appearance	Colored Powder
Max Agg. Size	0.35 mm
Thickness	2 to 4 mm
Pot Life	60 minutes
Storage Condition	Store In a dry shaded condition, at temperature between 2°C and 50°C
Shelf Life	Original sealed package has a shelf like of 12 months if stored properly.



## ARACO TILE GROUT

PACKAGE 4 Kg

CONSUMPTION 1m<sup>2</sup> requires approx. 0.18 kg

## CONSUMPTION FORMULA:

$$C = 0.18 \times E \times H \times \frac{L + W}{L \times W}$$

With:

**E:** Joint Width (mm)

**H:** Tile Thickness (mm)

**L:** Tile Length (cm)

**W:** Tile Width (cm)

## Surface Preparation

All excess adhesive tiles shall be removed. All the joints must be clean and free of all foreign or contaminating materials such as sharp edges; residues tile adhesive, oils, grease, and dust. Adhesive should be left for 24 hours before applying the grout.

## Application

Mix **ARACO FLEXIBLE TILE GROUT** with 1.3 Liters of clean cool water mix with an electric drill with low rotation speed (300rpm) with a suitable paddle for 2-3 min, until a lump free homogeneous paste is obtained. Allow the mix to stand about 10 minutes and remixed it for an additional 30 seconds without adding any additional water.

Spread the mixture over the tile joints and pressed it with a rubbing pad covered with sponge rubber spatula.

Excess grout shall be removed with the same tool After initial setting, clean the tile and remove all excess materials with a wet sponge.

**ARACO FOR ADMIXTURES & CONSTRUCTION MATERIALS S.a.l.**

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TECHNICAL DATA	Results	Requirement for type CG class 1	Standard
<b>Compression Strength</b>			
In Standard Condition	34.2 N/mm <sup>2</sup>	>15N/mm <sup>2</sup>	BS EN 12808-3
After Free and thaw Cycles	23.5 N/mm <sup>2</sup>	>15N/mm <sup>2</sup>	
<b>Flexural Strength</b>			
In Standard Condition	3.8 N/mm <sup>2</sup>	>2.5 N/mm <sup>2</sup>	BS EN 12808-3
After Free and thaw Cycles	3.2 N/mm <sup>2</sup>	>2.5 N/mm <sup>2</sup>	
<b>Water Absorption</b>			
At 30 min	1.7 g	< 2g	BS EN 12808-5
At 240 min	4.5 g	<5 g	
<b>Shrinkage</b>			
Mean shrinkage	1.2 mm/m	<3mm/m	BS EN 12808-4

## Safety instructions

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay.

## Legal notes

The information, recommendations and application - based on ARACO current knowledge and experience of the products when properly stored, handled and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of which will be supplied on request.

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