

ARACO TILE GROUT

High Performance Cementitious Tile Grout

Product Description

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

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

ARACO TILE GROUT is classified as CG class 1 AW according to the European Norm EN 13888:2009.

Uses

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

- Wet Rooms
- Parking
- Stairs
- Shopping Centers
- Hospitals
- Universities

Product Advantages

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

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.



Package: 5 Kg & 20 Kg

Consumption: 1m² requires approx. 0.2 kg

ARACO TILE GROUT FORMULA

$$C = 0.18 \times E \times H \times [(L + W) / (L \times W)]$$

E: Joint Width (mm)

H: Tile Thickness (mm)

L: Tile Length (cm)

W: Tile Width (cm)

Product Application

Mix ARACO 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.

Technical Data	Results	Requirement for type CG class 1
Compression Strength		
In Standard Condition	1.58 N/mm ²	>15N/mm ² BS EN 12808-3
After Free and thaw Cycles	25.6 N/mm ²	>15N/mm ²
Flexural Strength		
In Standard Condition	5.1 N/mm ²	>2.5 N/mm ² BS EN 12808-3
After Free and thaw Cycles	3.4 N/mm ²	>2.5 N/mm ²
Water Absorption		
At 30 min	1.8 g	< 5g BS EN 12808-5
At 240 min	4.7 g	<10g
Abrasion		
Mean value	875 mm ²	<1000 mm ² BS EN 12808-2
Shrinkage		
Mean shrinkage	1.24mm/m	<3mm/m BS EN 12808-4

Product Data

Appearance	Colored Powder
Max Agg. Size	0.35 mm
Thickness	Up to 15 mm
Pot Life	60 minutes
Color	colors as specified
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 6 months if stored properly.

Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your 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 are 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 sold subject to 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.

More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring