

ARMOS EPOXY 2-12mm

EN 13888
RG

Two component epoxy grout

DESCRIPTION

Two component epoxy grout, with high mechanical resistance.

APPLICATION FIELDS

Suitable for 2-12 mm joint widths.

- for surfaces that require high resistance to mechanical loads and chemical effects, as well as waterproofing
- for grouting ceramic and natural stone tiles, indoors and outdoors, on walls and floors, in industrial and commercial premises such as food industries (dairies, canneries, wineries, breweries, slaughterhouses etc.), commercial refrigerators and freezers
- for business environments with high hygiene requirements (butchers, fishmongers, kitchens etc.)
- for industries and chemical laboratories, wastewater storage tanks, public toilets etc.
- for tanks containing chemicals and pools with saltwater or spa water.
- suitable for use on surfaces which contact water intended for human consumption (EN 12873-1 - GCSL p.n.00465/015/000/17.05.2012)

PRODUCT INFORMATION

Packaging: In plastic packages of 6 kg (5,45 & 0,55 kg) and 3 kg (2,725 & 0,275 kg)

Storage: In intact packaging and dry environment, 12 months from the production date.

TECHNICAL CHARACTERISTICS

Abrasion resistance: 165 mm³ (EN 1208-2)
Flexural strength: 32 N/mm² (EN 1208-3)
Compressive strength: 54 N/mm² (EN 1208-3)
Water absorption: < 0,1 g (EN 1208-5)
Resistance to acids: Very good
Pot life:
min 120 min. (23°C and 50% moisture)
Application temperature:
From +7°C to +35°C
Resistance to temperature fluctuation:
40°C to 80°C

CHARACTERISTICS/ ADVANTAGES

- It is unaffected by acids, bases, corrosive cleaners, salt water, chlorine, etc.
- It has very good adhesion and is very durable.
- It can be applied very easily, on vertical and horizontal surfaces, and can be cleaned by using hard sponges and clean water.

APPLICATION INFORMATION

Consumption : Indicative consumption:

Tile dimensions cm →	30x60x1	60x60x1	90x90x1	15x90x1
2 mm joint g/m ² →	185	125	85	290
3 mm joint g/m ² →	280	185	125	435
4 mm joint g/m ² →	375	250	165	580
5 mm joint g/m ² →	470	310	210	730

APPLICATION INSTRUCTIONS

- The joints must be dry and free from dust, grease and loose particles
- Add component B (hardener) into component A (epoxy resin) and mix well with an electric mixer, for 2-3 minutes at low speed (400 rpm /min), until you get a homogeneous mixture with uniform color
- Make grouting with a rubber spatula, pushing the mixture sideways and diagonally to the joints, until they are filled correctly. At the same time remove the excess material from the surface of the tiles using a hard damp sponge
- Make the final cleaning with a soft sponge (and possibly lukewarm water), moving the sponge diagonally. Thus the joint is smoothed and any grout remaining is removed from the surface of the tiles.
- The use of alcohol facilitates the final cleaning
- It is important to often rinse the sponge, with clean water, during the cleaning process

ATTENTION:

- Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C

HEALTH, SAFETY & ENVIROMENTAL PROTECTION

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website www.marmoline.gr or upon request.

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