

UNICHEM TILE JOINT

POLYMER MODIFIED CEMENTITIOUS TILE JOINT

UCA-PP-04-0722

DESCRIPTION

UNICHEM TILE JOINT is a cement - based premixed compressible non-shrink grout, used for filling tile joints in wet and dry areas. UNICHEM TILE JOINT is thixotropic, crack - free, non slump grout that only need to be mixed with water. Available in a wide range of attractive colours

USES

- ❖ Can be use in both interior and exterior walls & floors.
- ❖ UNICHEM TILE JOINT is a suitable for walls and floors for internal and external applications, including: Wet areas (like bathrooms and kitchens) • Stairs • Rooms
- ❖ Expansion joints in walls and floors should be filled with an appropriate sealant

ADVANTAGES

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Specially designed for wide joints up to 6 mm wide.
- Easy to use, easily finished, Water-resistant & Economical.
- Good adhesion to dry tiles

TYPICAL PROPERTIES

| | |
|--|---------------------------------------|
| PACKAGING | 5 Kg |
| APPEARANCE | Free Flow colored cementitious powder |
| COMPRESSIVE STRENGTH @ 28 DAYS | ≈15 MPa |
| AMOUNT OF WATER REQUIRED (FOR 5 KG PACKET) | 1.75 litre to 1.85 litre |
| WATER RESISTANCE (24 HOURS WATER IMMERSION) | No dissolution; No discoloration |
| MIXED DENSITY | 1.75 kg/litre |

TYPICAL PROPERTIES (contd)

| | |
|--------------------------------|----------------------------|
| POT LIFE | ≈45 mins (25°C) |
| GROUT READY FOR TRAFFIC | After 24 hours |
| COVERAGE | Please refer the next page |

The values given above for typical properties are average figures achieved in controlled laboratory conditions. Actual values obtained on site may show minor variations from those quoted

STANDARDS

UNICHEM TILE JOINT meets the performance standards of BS-EN 13888

INSTRUCTIONS FOR USE

SURFACE FOR PREPARATION

Before grouting with UNICHEM TILE JOINT, make sure that the adhesive has completely dried; it will depend on site and weather conditions.

- 24 hours minimum after standard tile adhesives application (UNICHEM TILESET 600 & 1200, etc...)
- 14 days minimum after tiling with traditional "site-mix" mortar on floors (minimum 3 days for walls)
- Some tiles with a matt or porous texture are prone to surface staining when coloured grouts are used. It is recommended to check that no stain will occur by testing on small surface before starting the whole job.
- Substrate must be fully cured, set and dry prior to grouting.

The grooves between all external and internal ceramic surfaces to be grouted must be sound and thoroughly cleaned before the application of the product. All traces of oil or grease must be removed. All loose particles of mortar or tile adhesive in the groove must be physically removed (joints should be emptied to at least 2/3 of the tile thickness).

UNICHEM TILE JOINT

POLYMER MODIFIED CEMENTITIOUS TILE JOINT

UCA-PP-04-0722

Mix 5 kg of UNICHEM TILE JOINT with 1.75 to 1.875 Lit. of clean cool water. The amount of mixing water must be respected to avoid efflorescence over the surface of the JOINT. Mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

APPLICATION METHOD

Apply UNICHEM TILE JOINT with a rubber spatula into the joints by filling all the gaps, make sure that the product is well compacted with no voids

When the joint begins to dry (10 or 20 minutes depending on the weather condition) start the cleaning process, remove surplus with a damp sponge moving diagonally to prevent removal of grout within the joints. Rinse the sponge frequently using two water containers, one to remove the grouts residue and the other one to clean the sponge. Avoid excess of water while cleaning to prevent discoloration of joints. It is recommended to use a moist sponge rather than excessive water pouring for cleaning the tiles and the dried grouts. When dry, polish the tiles with a clean, dry cloth. Do not spray water under high pressure and avoid using any chemical cleaning agent on the tile joint until 3 days after the application.

In case of hot or windy conditions, it is recommended to dampen with a sponge the joints a few hours after application of UNICHEM TILE JOINT, as it improves its final performance.

STORAGE & SHELF LIFE

Original sealed bags of UNICHEM TILE JOINT has a shelf life of 12 months. UNICHEM TILE JOINT should be protected from extremes of temperature & Protect from sources of moisture and humidity.

P.O BOX 80071
BUILDING 1928
ROAD 5146, BLOCK 951
ASKAR, KINGDOM OF BAHRAIN

COVERAGE

| Tile size | Joint Width | Joint Depth | Theoretical coverage |
|------------|-------------|-------------|----------------------|
| 25x25 mm | 3 mm | 4 mm | 1.339 kg/ sq.m. |
| 100x100 mm | 3 mm | 5 mm | 0.495 kg/ sq.m. |
| 150x150 mm | 3 mm | 8 mm | 0.538 kg/ sq.m. |
| 150x150 mm | 5 mm | 6 mm | 0.656 kg/sq.m. |
| 150x300 mm | 5 mm | 6 mm | 0.500 kg/sq.m. |
| 300x300 mm | 3 mm | 6 mm | 0.206 kg/sq.m. |

Actual Coverage will vary according to site conditions, application methods, wastage and other factors

SAFETY PRECAUTIONS

Do not use any curing compounds. It is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

LIMITATION OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

PHONE : +973 17830830
info@unichembahrain.com
www.unichembahrain.com
CR No. 51803