



## DESCRIPTION

**Unichem Tile Grout** is a fine colored latex modified powder composed of cement, fine silica, and water proofing additives which when mixed with water gives a smooth easily applied grouting mortar with high abrasion resistance. Unichem Tile grout is available in wide range of colors which match all types of tiles.

## ADVANTAGES

- High abrasion, compression and flexural strength.
- Water resistance, anti mould and stain resistance.
- Crack free and non shrinkage grout.
- For interior and exterior applications.
- Water resistance.
- Wide range of color selection

## TECHNICAL DATA

Fresh wet density: 1.75+ -0.1 gm/cm<sup>3</sup>

Working Time : 60 –70 min

Compressive strength > 14 MPa @ 28 days

Flexural strength >2.5 MPa @ 28 days

Linear shrinkage < 2.5 mm/m

Water absorption < 7 g

Joint width up to 6 mm

Water demand :each 1kg powder needs 0.34 kg Clean water.

## STANDARDS COMPLIANCE

Unichem Tile grout complies with :

- European EN 13888(CG2AW)
- ANSI A 118.6

## STORAGE

Store for 12 months from date of manufacturing non open in dry area.

## SURFACE PREPARATION

- Make sure that the tile adhesive has completely dried and hardened.
- The joints and tiles must be clean and free of dust.
- Clean the joints between tiles and brush before grouting.

## MIXING

- Prepare the needed qty of clean water based on bag size (2 kg bag needs 0.65 ltr, 5 kg bag needs 1.65 ltr and 10 kg bag needs 3.3 ltr) in mixing bucket.
- Add slowly the tile grout while mixing continuously add slow speed 300 to 500 rpm up to for 3 minutes until a uniform lump free consistency mix is achieved.
- Give the mix rest for 4-6 minutes then remix for 45 second.

## COVERAGE

The consumption can be calculated using the next formula :

W width of joint (mm)

D thickness of tile (mm)

L linear meter of joints in 1 m<sup>2</sup> of tiles

$$\frac{W * D * L * 1.8}{1000} = \text{Kg/m}^2$$

## PACKING

2 Kg, 5 Kg and 10 Kg bag.

## SAFETY PRECAUTIONS

It is preferable to wear protective gear for hands and eyes if contacted with skin or eyes wash with clean water then seek medical attention.

The product is non flammable.

## **GUARANTEE**

THE INFORMATION GIVEN IS BASED ON KNOWLEDGE AND PERFORMANCE OF THE MATERIAL . EVERY PRECAUTION IS TAKEN IN THE MANUFACTURING OF THE PRODUCT AND THE RESPONSIBILITY IS LIMITED TO THE QUALITY OF SUPPLIES WITH NO GUARANTEE OF RESULTS IN THE FIELD . AS AMANCRETE HAS NO CONTROL OVER SITE CONDITION OR EXEUTION OF WORK.

## **CLEANING OF TOOLS :**

Equipment and hands may be cleaned with clean water.

## **TECHNICAL SUPPORT**

Technical assistance is available from the manufacturers trained field representatives.

## **UPDATED**

April 2019

# 1976

Protective Coatings . Linings . Fire Proofing . Floorings . Construction Chemicals & Decorative Paints

## **Unichem Product Group**

Unichem offers a wide range of industrial coatings, fireproofing and construction chemicals products that are manufactured, which include:

Intumescent coatings

Fire retardants

Industrial floorings.

Steel and industrial coatings

Waterproofing.

Grouts and anchoring

### **United Chemical Company**

P.O. Box 3458, Amman 11181, Jordan

Tel. +962 6 420 3366, Fax. +962 6 420 3368

[info@unichemgroup.com](mailto:info@unichemgroup.com), [www.unichemgroup.com](http://www.unichemgroup.com)

