



## CIRCULAR NO 8

### Subject – Tile Adhesive and Its Mechanical Properties

Dear Valued Customers,

Date: 09/12/2020

Ref No: FAL-OGC-20-148

Currently there are dozens of tile adhesive types which differ from each other depending on the application and usage. Each manufacturer has formulated his product with different mix ratios with divergent properties of raw material. It is making further hard to understand that which one is best for the site application especially if there would be requirements of different types of tiles e.g. Mosaic, Quarry, Ceramic etc. Failure because of adhesive properties are the most frequent problems which property owners are facing, during the construction phase and mostly at the later stages for which many factors involved. We have conducted detailed research and found that followings are the key factors for the bonding problems.

- Failure of Tile Adhesive to comply with international norms
- Fitting tiles without knowing the absorbency, such as porcelain
- Fitting glass tiles without substrate preparation
- Tiling over old tiles
- Installing tiles on surfaces that are liable to move or flex, such as wooden floors
- Tiling onto polished concrete
- Impact of Hot and Humid Environment on Adhesion Properties.

We are pleased to announce that we have advanced testing facility for testing of tile adhesive and grout in accordance to EN 12004, ANSI A 118.4, ISO 13007. Considering above technical concerns, we have decided to arrange the technical webinar on Monday 21st of December 2020@ 1130hrs to address these issues. Please confirm your presence.

Thanking you,

Yours Sincerely,

  
Sohail Zafar  
Technical Director  
0589622050



#### Our Specialties

- Thermal Properties of Construction Material
- Testing of Tile Adhesive, Sealant, Mortar, Plaster, Coatings, Epoxies
- NDT Testing of Concrete with most advanced instrument.
- Scanning of Concrete up to 2.0m depth.
- Sub Surface Exploration up to 150m depth.
- Energy Saving Calculations
- Structural Investigations