

## Quds Tile Adhesive special (QTA 201)

### General introduction:

Special cement-base tile adhesive (copolymer powder of vinyl acetate and ethylene) of high quality. Use mainly for heavy tiles adhesion, natural stone & marble for interior and exterior floors and walls. Also used for polystyrene board. Meets European standard EN 12004/ C2TE, ISO 13007-1/ C2TE

### Special Features:

- High adhesion strength exceeds 1 N/mm<sup>2</sup>.
- Withstands high pressure, hence used for adhering heavy tiles.
- Excellent adhesion despite variation in temp. span (-5 to +60 °C). Also, product performance is resistant to shrinkage and expansion due to change of temperature and humid conditions.
- Special "extended open time" features that enhances strength of adhesion.
- Product has anti-sagging properties that permits application for heavy tiles.
- High flexibility properties that makes product performance resistant to shocks.

### Mixing:

- Put clean water (without chemical additives) in clean mixing container.
- Mix at a ratio of  $\pm 4$  kg powder to  $\pm 1$  liter of water.
- Stir by a hand agitator the admixture well for 30 seconds.
- Make sure that everything is mixed
- Use an electrical agitator to mix for 1 minute the admixture.
- Wait for a 5 minutes period (settle-down) before application.

### Preparation of surface:

- Clean all foreign matter.
- Surface & tile must be moistened with water before applying the mixture, especially old surfaces.

### Application:

- Apply a layer of the admixture to the prepared surface using any trowel.
- Use a notched trowel to spread the admixture layer to create air escape spaces.
- Use plastic spacers based on desired joint width.
- Place tile and push in.

### Note:

- Use all admixtures within 3 hours from mixing time.
- Do not add water to the admixture after it starts to dry.
- Avoid application when general temperature is below 5°C

### Package & Storage:

- 25 kg paper bags
- To be stored sealed in dry conditions, for a maximum of 12 months from the date of production. Keep away from direct heat and frost.

### Technical Data:

|                  |                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------|
| Color            | White                                                                                                      |
| Physical State   | Powder                                                                                                     |
| Binder           | Copolymer powder of vinyl acetate and ethylene                                                             |
| Filler           | Cement and fine graded fillers                                                                             |
| Specific density | 1.7                                                                                                        |
| Water Ratio      | ± 4 kg powder to ±1 liter of water                                                                         |
| Consumption      | 3 kg/m <sup>2</sup> at a layer thickness of 2 mm<br>(Pending method of application and surface conditions) |
| Layer thickness: | 2 mm – 5 mm<br>(Pending method of application and surface conditions)                                      |
| Safety           | Nontoxic and fire resistant.                                                                               |
| Grouting         | QP. Tile Grout according to need (QTG 101 & QTG 201)                                                       |

### European standard: EN 12004/ C2TE.

| LIMIT OF STANDARD | Tensile adhesion according to standard condition<br>≥ 1 N/mm <sup>2</sup> | Tensile adhesion according to water immersion<br>≥ 1 N/mm <sup>2</sup> | Tensile adhesion according to heating agent<br>≥ 1 N/mm <sup>2</sup> | Tensile Adhesion strength by Open Time<br>≥ 0.5 N/mm <sup>2</sup> | Wetting Capability<br>50% at 30 minuts |
|-------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------|
| QTA special       | ≥ 1 N/mm <sup>2</sup>                                                     | ≥ 1 N/mm <sup>2</sup>                                                  | ≥ 1 N/mm <sup>2</sup>                                                | ≥ 0.5 N/mm <sup>2</sup>                                           | 50%                                    |