



# RAZON

## TG 135

TG 135 is a unique formulation specially developed for tiling industry, commonly after spreading bedding mortar cement slurry is prepared which is spread on bedding mortar and tiles are laid. The cement slurry with incorrect rheology leads to inadequate adhesion & loose tiles, tiles falling and hollowness in the tiles.

### Advantages:-

TG 135 is manufactured as a cement slurry additive,

- It improves cement slurry rheology,
- Improves bond strength,
- Enhances tackiness,
- Provides a cohesive and non bleeding slurry
- Ensures the slurry fills “valleys and peaks” of the “ripples” in bedding mortar
- Reduces shrinkage of cement
- Eliminates unpleasant calcite leaching marks at tile joints,
- Ensures monolithic, continuous - seamless impermeable
- Thus aids a waterproof laying of tiles
- Imparts high tack for vertical tiling

### Method of use:

Use MM 101 B along with cement + sand in the bedding mortar to obtain a firm, non shrinking and dense bedding mortar.

While preparing cement slurry use the following proportions:-

In a barrel or vessel empty out 50 Kg Cement and 5 kg TG 135, to this add 20 ltr water , mix well. Add a few additional ltrs of water if required. Use this slurry as usual and lay tiles on the bedding mortar or vertical wall faces. Light human traffic may be permitted after 24 Hours for bedding mortar of upto 50mm.

Tile grouting with cementations grouts may be done after 24 Hours, for epoxy grouts complete setting of bedding mortar & binder is essential, which may be feasible after 5-7 days.

MM 101 B or TG 135 does not majorly retard or accelerate the setting times of cement

### Applications:-

TG 135 is useful for all tiling applications including wall and floor tilings, to be used with cement slurry.

| NO | PRODUCT DATA            |                                     |
|----|-------------------------|-------------------------------------|
| 1  | Colour                  | Grey powder                         |
| 2  | Specific Gravity        | 2.2                                 |
| 3  | Effect of excess dosage | Higher tackiness and performance.   |
| 4  | Dosage                  | 4 kg to 6 kg per 50 kg cement       |
| 5  | Packing                 | 5 Kg, 20 Kg bags.                   |
| 6  | Storage/life            | 1 years, store in cool & dry place. |
| 7  | Toxicity & Corrosivity  | Nil                                 |
| 11 | Cement Compatibility    | OPC & PPC                           |



## RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001:2008 ACCREDITED MANUFACTURER



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be enforceable