

TILE GROUT

ACID RESISTANCE



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Product Information

- For grouting of floor, tile wall, mosaic, marble, granite, sanitary-ware and repair of tiling work.
- Acid resistance formula
- Package : 1 kg./bag

General Property

- Mix with special substance to strengthen high adhesiveness between the surface and the tile.
- Minimize the problem of cracks.
- Provide 24 colors to suit with the tile colors
- Good for grouting of tile and all types of sanitary-wares both inside and outside the building.
- Good for grouting the split of not exceeding 5 mm. wide.

Application Method

- In case of mixing by agitated electric drill: mix with clean water approx. 0.35 litre per 1 bag of tile grout (kg.) and agitate at minimum speed until it is well mixed before using.
- In case of mixing by the trowel: mix the tile grout and stir until it is well mixed before using.

Special Property

- Add with substance resistance to the erosion of toilet cleansing solution, prevent fungi and dirty slough.

Supplementary Equipment

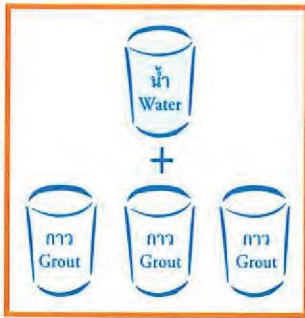
- Sponge trowel to level the tile grout.
- Agitated electric drill.

Application area

- For grouting of tile 8" x 8" of 2-4 mm. split shall
- Use 1 bag for 4-5 m² grouting area.
- * Special data from laboratory test.

Suggestion

- Grouting should be done after 24 hours of tiling.
- Use wet sponge to clean before grouting and the mixed tile grout should be used up within 2 hours.
- It is prohibited to add water if the tile grout is becoming set.
- It is recommended to use up all tile grout after open the bag.
- In case of the tile surface is matted or unsmooth, it is recommended to immediately clean the tile surface after grouting.



TECHNICAL DATA

Product Identity

Type : Powder
Dry solids content : 100%
Color : 24 colors
Specific gravity : 1 g/cm³
Storage : 3 months
Package : 1 kg/bag

Application Data

Mixing ratio : 100 parts of powder with 25 parts
by weight of water
Consistency of mix : pasty
Pot life : 90 minutes
Thickness : 1-5 mm
Used for : Wall and Floor tiles
Application temperature range : from +15°C to 40°C
Application humidity : min 50%

Test Data

| Property (Method) | Results |
|----------------------------------------------|---------------------------|
| Wet Property | |
| pH of mix (ph meter) | ~11 |
| Specific Gravity of mix : | 1.6g/cm ³ |
| Water retention (DIN 18555) : | 98% |
| Setting time (ASTM C266) Initial : | 210-240 min |
| Dry Property | |
| Compressive Strength 28 days (ANSI A118.6) : | 34 N/mm ² |
| Flexural strength (ANSI A118.6) : | 2.5-3.5 N/mm ² |
| Tensile strength (ANSI A118.6) : | 2.4-2.6 N/mm ² |
| Linear shrinkage 7days, (ANSI A118.6) : | 0.01-0.02 % |
| Water absorption (ANSI A118.6) : | |
| - 50% relative humidity to immersion | 10% |
| Weight loss by 15% HCl at 10 cycles | 18% |

Accreditation:

- TIS / ISO9001 : 2000
- TIS / ISO14001 : 1996
- Water retention : DIN 18555
- Time of setting : ASTM C807-39
- Compressive strength: ASTM C109/C109M-95