

# Acotile TG1

Cement-based Tile Grout

## Product description

**Acotile TG1** is a ready-mixed one-component tile grout cement-based used to fill tile joints on walls and floors with a width of 1 - 5mm. When using, just mix with clean water according to the quantity.

## Application

**Acotile TG1** is used to seal indoor and outdoor tile joints for all types of tiles such as: natural stone, decorative stone, granite, marble.

## Advantages

- Easy to mix and apply
- Reduces shrinkage and cracking after construction
- High adhesion strength, compressive strength and flexural strength
- Efficient and economical
- Suitable for tropical and temperate climates.

## Technical specification

|                 |  |
|-----------------|--|
| Appearance      | Color powder   |
| Color           | Multicolor, see adchem color chart   |
| pH after mixing | 10 -12   |
| Toxic           | No   |
| Flammability    | No   |
| Packaging       | 1 - 10 - 20 kg per bag   |
| Expiry date     | 12 months  |
| Storage         | Store in a cool, dry place, away from moisture<br>Stack on pallets when not in immediate use<br>Do not stack more than 10 bags<br>Close bag tightly after use. |

## Mechanical parameters

### Standard ISO 13007-4 (TCVN 7899-4)

|                                    |                         |
|------------------------------------|-------------------------|
| Abrasion resistance                | < 2000 mm <sup>3</sup>  |
| Intensity curling                  | > 2.5 N/mm <sup>2</sup> |
| compressive strength               | > 15 N/mm <sup>2</sup>  |
| Shrinkage after 28 days            | < 3 mm/m                |
| Water absorption after 30 minutes  | < 5 g                   |
| Water absorption after 240 minutes | <10 g                   |



## Material consumption

Coverage ratio (mix Acotile TG1 with 30% water)

| Slot width ( mm ) | Slot depth ( mm ) | Norm ( kg per m ) |
|-------------------|-------------------|-------------------|
| 2                 | 4                 | 0.013             |
| 2                 | 5                 | 0.020             |
| 4                 | 5                 | 0.040             |

The above norms (for reference only) do not include any physical part.



## Using instruction

### Surface Preparation

- Tiles must be completely hard before applying grout
- Clean excess tile grout between joints before grouting.

### Pha trộn

- Mixing ratio: Acotile TG1 and water
- For wall tile joint: Acotile TG1 with 26–28% clean water
- For floor tile joint: Acotile TG1 with 28–30% clean water
- Mix Acotile TG1 thoroughly with clean water until homogeneous. Let the mixture rest for a few minutes before applying.

### Construction

- Apply grout to the tile gap with a plastic knife or a special tool, pressing deep inside to fill the gap
- Clean the tile surface after construction
- To avoid scratching the gap, when cleaning, use a damp sponge to wipe gently.

### Cleaning tools

Clean tools and equipment with clean water after use.

### Safety and health protection

- Keep out of reach of children
- Wear gloves, masks and protective equipment when mixing and applying
- Mix in a well-ventilated area, avoid breathing dust when mixing
- Avoid contact with skin and eyes:
  - If contact with eyes: Rinse eyes under running water for at least 15 minutes. Go to the nearest medical facility immediately.
  - If contact with skin: Change protective clothing, clean the skin contact area with water several times. Clean protective clothing again before use.

**For any information related to the product, please contact the sales representative or the technical department of adchem.**



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