

TA300

UNIVERSAL TILE ADHESIVE



hahne TA300 is a single-component, cementitious tile adhesive in grey color. It is used for ceramic tiles and stone on indoor floors. **hahne TA300** provides good bonding and consistency in different weather conditions. **hahne TA300** is formulated as per **IS 15477:2019 Type-1 standard** and also follows **ISO 13007-1:2014 C1 standard**.



PRODUCT INFORMATION

Area of Applications

hahne TA300 can be used for interior dry areas applications on floors and walls over concrete and cement mortars.

Recommended Substrates

- Cementitious screeds and concrete surfaces (completely cured, residual moisture <5%)
- Calcium sulphate-based and gypsum-based substrates (priming recommended)

Features and Benefits

- Excellent water resistance
- Good impact resistance
- Excellent adhesive strength
- Minimal shrinkage
- Excellent workability

Consumption

4-5 kg per sqm @ 3 mm bed

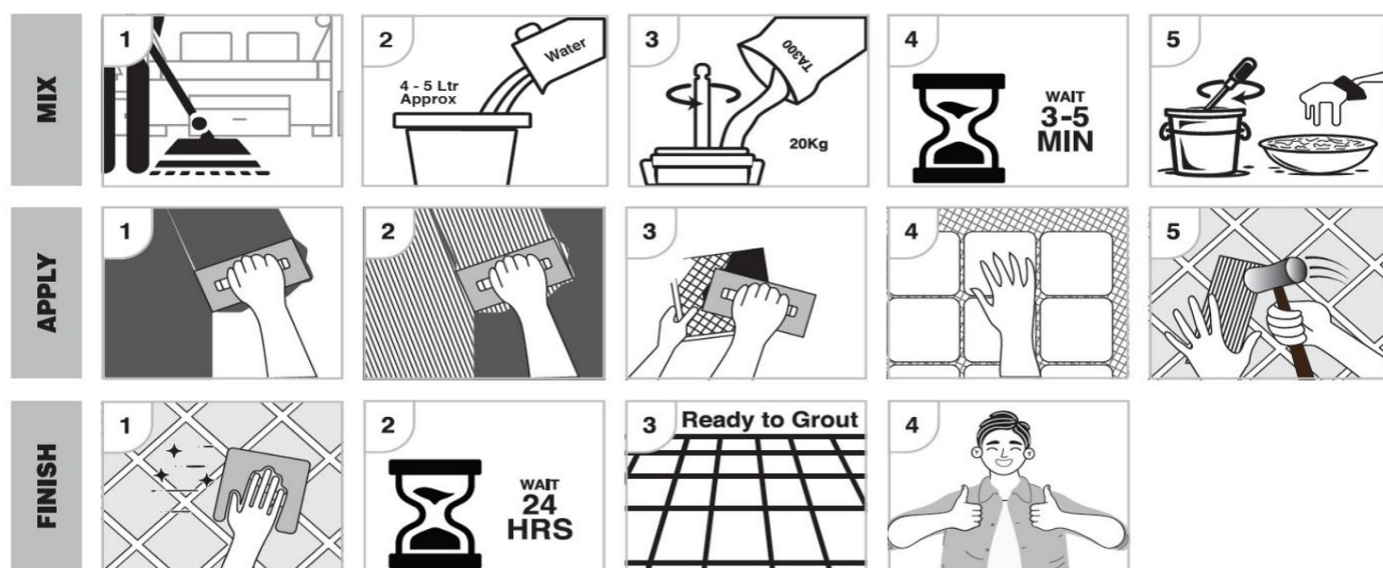
(Consumption will depend on substrate condition, bed thickness, notch size of trowel and tile size)

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TECHNICAL SPECIFICATIONS

Form	Powder
Colour	Grey
Type of Adhesive	Type – 1 as per IS 15477-2019
Pot life	approx. 2 hrs at 25°C
Open Time	approx. 30 min at 25°C
Adjusting Time	approx. 35 min at 25°C
Dry Density	1.65 +/- 0.05 kg/l
Application temperature	+5°C to +35°C
Water requirement	20% – 25% of powder weight
Ready to walk on	24 hours
Ready for grouting on floor	24 hours
Ready for grouting on wall	8 hours
Ready for use	7 days

APPLICATION PROCEDURE



Surface Preparation

- All surfaces should be between 4°C and 32°C, structurally sound, clean and free of all dirt, oil, grease, concrete sealers or curing compounds.
- It is recommended to maintain SSD (surface saturated dry) conditions before application of tile adhesives. For surfaces which are dusty and/or highly porous, we recommend using primer.

Mixing

- Add 4 to 5 litres of cold, clean, potable water for a 20 kg bag of **hahne TA300** adhesive powder.
- Pour the water into the bucket and slowly add the powder while mixing with a slow-speed mixing machine until a uniform, lump-free, smooth, thick consistency is achieved.
- After approximate 3 minutes, mix the tile adhesive again. If necessary, add some water to get the correct consistency.

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Application Procedure

- **hahne TA300** should be applied after proper surface preparation.
- Apply using a flat trowel to achieve required bed thickness with uniformity and level it using a notched trowel of suitable thickness. The thickness of the ribs will depend on the size of the tile and bed thickness.
- Apply only as much adhesive as can be installed within the specified open time and tile adjustment time to ensure optimal bonding and performance.
- Fix the tiles immediately with a sliding motion to get a high bonding quality. It is always recommended to use spacers for proper alignment.
- Correct the position of the tile before the adjusting time of the mortar; otherwise, it will affect bond strength.
- After fixing the tiles, remove the excess mortar with a damp cloth before the material sets. It is also recommended to clean joints properly for further grouting.

Precautions and Limitations

- Avoid applying the adhesive on wet substrates, as it may affect the bonding quality.
- It is also unsuitable for areas that are subject to continuous water immersion.
- During curing, protect the applied adhesive from rain and frost to ensure it cures properly

PACKAGING, STORAGE AND SAFETY

Packaging

- **hahne TA300** is available in 20 kg / 40 kg moisture-resistant bags.

Storage and Shelf Life

- Store the adhesive in a cool, dry place, away from direct sunlight and moisture, to maintain its quality.
- The shelf life of the product is 12 months if stored in its original sealed packaging.

Safety Instructions

- Contains Portland cement and silica sand.
- May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not ingest. Silica sand may cause cancer or serious lung problems.
- Avoid breathing dust. Wear a respirator in dusty areas.

DISCLAIMER: The information and application guidelines provided by the company and its representatives are intended solely as a general reference. Users are strongly encouraged to conduct their own tests and trials to verify the product's suitability for their specific requirements before proceeding with full-scale use. As the identification of underlying issues, the quality of other materials and the workmanship on-site are beyond our control, we cannot offer any express or implied guarantees regarding the results. The company disclaims any liability for damages or unsatisfactory outcomes that may arise from the use of our products.