

TA300



hahne

UNIVERSAL TILE ADHESIVE

Product Description

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** standards and also follows **ISO 13007-1:2014**.

Area of Applications

hahne TA300 can be used for interior applications on floors over concrete and mortar beds.

Recommended Substrates

- Cementitious screeds and concrete surfaces (completely cured, residual moisture <5%)
- Calcium sulfate-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)

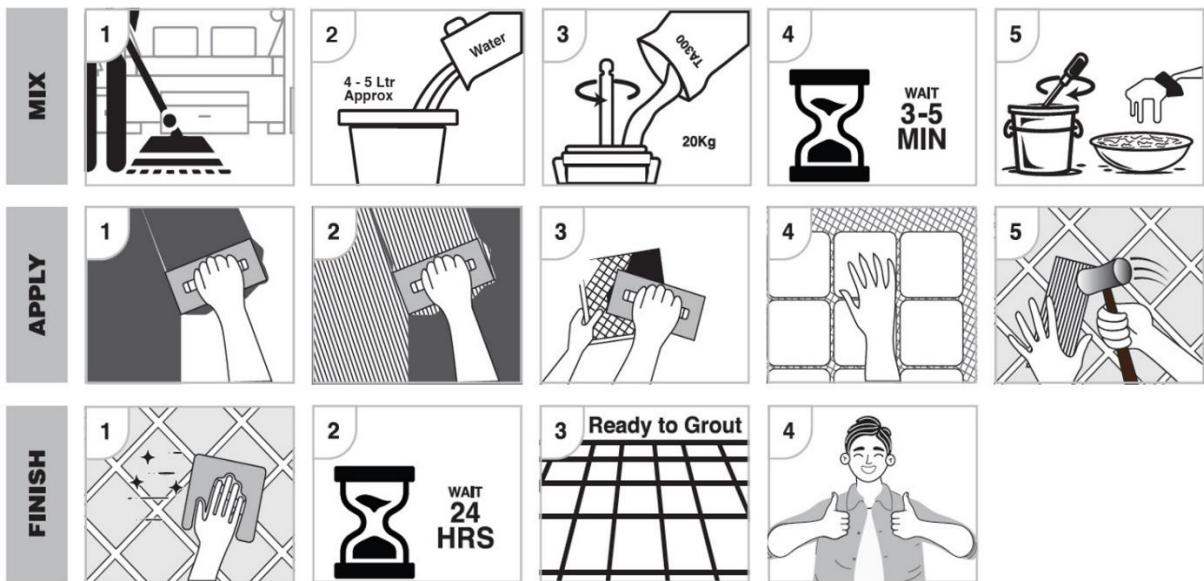
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Technical Specifications

Form	Powder
Colour	Grey
Pot life	approx. 3 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



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. For surfaces which are dusty and/or highly porous, we recommend using primer.

Mixing Ratio

Add 4 to 5 litres of cold, clean, potable water for a 20 kg bag of **hahne TA300** adhesive mortar powder. Pour the water into the bucket and slowly add the powder while mixing by hand or 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 at a thickness of 3 mm and level it with a notched trowel. The thickness of the ribs will depend on the size of the tile. For tile surface area <500 cm², (6x6x6) mm notch is recommended and for higher surface area tiles, (8x8x8) mm and (10x10x10) mm notch sizes should be used. 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. 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

hahne TA300 is available in 20 kg 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.

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