

# TILE INSTALLATION

Reshaping  
the Future of  
Sustainable  
Construction



# ABOUT US

**hahne** is a trusted name in construction chemical solutions, formed through a strategic joint venture between Sievert SE, Germany and 20 Microns Limited, India. This powerful collaboration unites over 100 years of German precision engineering with decades of deep-rooted Indian market expertise, delivering high-performance systems tailored for local conditions.

Combining Sievert's technology of innovation in waterproofing and tiling solutions and 20 Microns' dominance in mineral science and raw material technology, hahne is uniquely positioned to serve the Indian construction industry with unmatched quality and consistency.

Our manufacturing processes are driven by German technical standards, while our products are adapted to meet the practical demands of Indian sites. From tile adhesives and epoxy grouts to future-ready waterproofing systems, hahne offers engineered reliability, proven durability and constant practical performance.

Built on the principles of precision, trust and partnership, hahne is committed to building a better, stronger and more durable tomorrow.

## TA900X

### Highly Flexible Tile Adhesive

A premium, deformable adhesive with superior flexibility and slip resistance, developed for large format tiles, tough conditions and sensitive materials.

#### APPLICATIONS

Porcelain, glass tiles, mosaics, marble, travertine, granite, brick slips, resin-backed tiles - interior and exterior, wall and floor use.

#### KEY BENEFITS

- Extremely high flexibility
- Designed for large tiles & thermal expansion
- Ideal for glass, mosaics and sensitive stones
- Compatible with under-tile heating

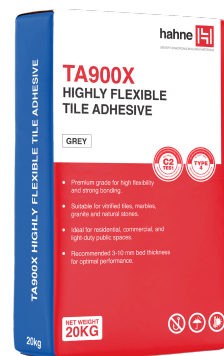
#### COMPLIANCE

IS 15477:2019 – Type 4  
ISO 13007-1:2014 – C2TE S1

#### TECHNICAL DATA

- **Pot Life** : approx. 6 hrs
- **Open Time** : approx. 40 min
- **Adjustment Time** : approx. 50 min
- **Density** : 1.45 ± 0.05 kg/l

**Pack Size:** 20 kg | **Colours:** Grey & White  
**Recommended for:** Facades, balconies, high-moisture areas and heated floors



## TA600X

### Multi Purpose Tile Adhesive

A flexible, high-performance tile adhesive with extended open time and excellent workability, ideal for challenging site conditions.

#### APPLICATIONS

Porcelain, ceramic, vitrified tiles, glass mosaic, natural and engineered stone in both interior and exterior environments.

#### KEY BENEFITS

- Flexible and heavy-duty
- Excellent bonding on glass and stone
- Extended working time
- Submerged area compatible after full cure

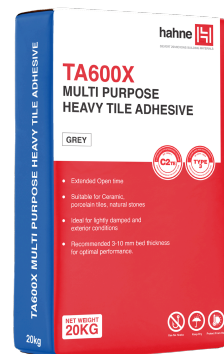
#### COMPLIANCE

IS 15477:2019 – Type 3  
ISO 13007-1:2014 – C2TE

#### TECHNICAL DATA

- **Pot Life** : approx. 5 hrs
- **Open Time** : approx. 40 min
- **Adjustment Time** : approx. 45 min
- **Density** : 1.50 ± 0.05 kg/l

**Pack Size:** 20 kg | **Colours:** Grey & White  
**Recommended for:** Concrete, backer boards, tile-over-tile, wet areas



# TA350

## Slip Resistant Tile Adhesive

A polymer-modified, slip-resistant tile adhesive available in grey and white, designed for both wall and floor applications in interiors and exteriors.

### APPLICATIONS

Ceramic, vitrified, porcelain, terrazzo and engineered tiles on concrete, cement plaster, tile-over-tile and masonry substrates.

### KEY BENEFITS

- Strong slip resistance
- Excellent adhesion & water resistance
- Minimal shrinkage
- Suitable for vertical surfaces

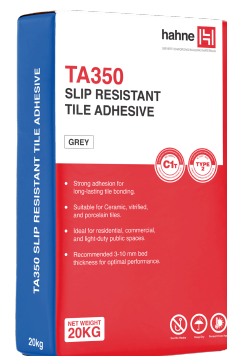
### COMPLIANCE

IS 15477:2019 – Type 2  
ISO 13007-1:2014 – C1T

### TECHNICAL DATA

- **Pot Life** : approx. 5 hrs
- **Open Time** : approx. 40 min
- **Adjustment Time** : approx. 45 min
- **Density** :  $1.60 \pm 0.05$  kg/l

**Pack Size:** 20 kg | **Colours:** Grey & White  
**Recommended for:** Facades, balconies, high-moisture areas and heated floors



# TA300

## Universal Tile Adhesive

A cementitious, grey-coloured, single-component adhesive ideal for indoor floor tiling.

### APPLICATIONS

Ceramic tiles and stones on concrete/mortar bed floors (interiors only).

### KEY BENEFITS

- Water & impact resistant
- Minimal shrinkage
- High bonding strength
- Excellent workability

### COMPLIANCE

IS 15477:2019 – Type 1  
ISO 13007-1:2014 – C1

### TECHNICAL DATA

- **Pot Life** : approx. 3 hrs
- **Open Time** : approx. 30 min
- **Adjustment Time** : approx. 35 min
- **Density** :  $1.65 \pm 0.05$  kg/l

**Pack Size:** 20 kg | **Colours:** Grey  
**Recommended for:** Cement screeds, concrete, gypsum (with primer)



# EPOXITONE

## Epoxy Tile Joint Grout

A high-performance, three-component decorative epoxy grout designed for hygienic, stain-resistant and durable tile joints.

### APPLICATIONS

Kitchens, bathrooms, pools, malls, labs, hospitals and industrial floors

### KEY BENEFITS

- Stain & chemical resistant
- Hygienic, smooth finish
- Anti-bacterial & anti-fungal
- UV-stable colour shades

### TECHNICAL DATA

- **Pot Life** : 45 min
- **Joint Width** : 1.5 – 10 mm
- **Water Absorption** :  $< 0.1\%$
- **Compressive Strength** :  $\geq 50$  MPa
- **Full Cure** : 7 days

**Pack Size** : 1 kg & 3 kg kits  
**Recommended for** : 18 premium UV-stable shades

Midnight Black	Burgundy	Parchment	Platinum
Sauterne	Natural Grey	Slate Grey	Raven
Terracota	Bright White	Sliver Shadow	Silk
Sage	Spectra Pink	Dark Brown	Aqua Blue
Pure White	Coffee Brown		





## Product Comparison Chart

Feature / Property	TA300 Universal Tile Adhesive	TA350 Slip Resistant Tile Adhesive	TA600 X Multi Purpose Tile Adhesive	TA900X Highly Flexible Tile Adhesive
Classification as per IS 15477:2019	Type 1	Type 2	Type 3	Type 4
Classification as per ISO 13007-1:2014	C1	C1T	C2TE	C2TE S1
Pot Life @25°C	~3 hrs	~5 hrs	~5 hrs	~6 hrs
Open Time	30 min	40 min	40 min	40 min
Adjusting Time	35 min	45 min	45 min	50 min
Ready for Grouting	Floor: 24 hrs Wall: 8 hrs	Floor: 24 hrs Wall: 8 hrs	Floor: 24 hrs Wall: 8 hrs	Floor: 24 hrs Wall: 8 hrs
Application	Interior Floors	Int/Ext Floors & Walls	Int/Ext, incl. Glass Tiles	Int/Ext, incl. Large Format
Slip Resistance	Moderate	High	High	Very High
Polymer Modification	Basic	Moderate	High	Very High
Colour Options	Grey	Grey & White	Grey & White	Grey & White
Packing Size	20 KG	20 KG	20 KG	20 KG

## BUILDING MATERIALS SOLUTIONS

Tile Installations | Waterproofing | Floorings  
Concrete Repairs | Protective Coatings



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