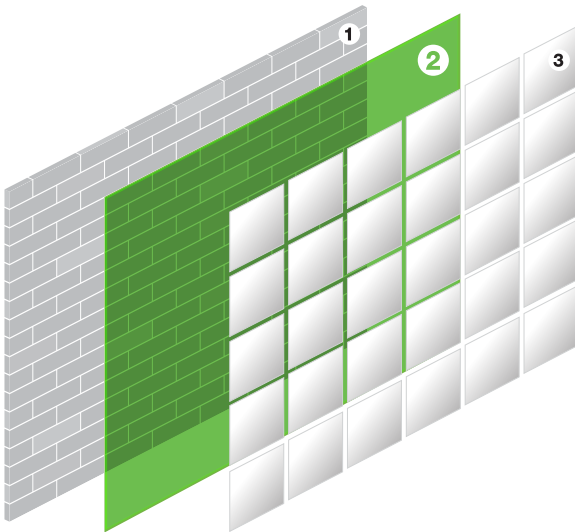


SECURE BOND 376

Comply to C2TE S1 Class for Stones and Tiles

SYSTEM DIAGRAM



1. Substrate
2. Secure Bond 376
3. Tiles

DESCRIPTION

High performance tile adhesive complying C2TE S1 class of EN 12004 for large size ceramic, homogeneous, porcelain and stone tiles on different type substrates

USES

- Exterior and interior tiling for tile size not greater than 1.0 m²
- Wall and floor thin bed tiling
- For ceramic, porcelain, homogeneous tiles as well as granite and marble stone
- For tiling on concrete, render, screed and cementitious waterproofing
- Tiling on metal or wooden substrate
- Tile on tile

BENEFITS

- High early strength up to 1.0 N/mm² at 7 days
- Extra high adhesive strength
- Tiling on high stress location
- For wet and dry, exterior and interior environment
- Extended open time
- Slip resistance

COMPLIED STANDARD

- EN 12004 - 1 & 2 : 2017
- MS ISO 13007 - 1 & 2 : 2014

TECHNICAL PROPERTIES

Technical Properties	Value
Tensile Adhesive Strength :	
7 Days Adhesive Strength	≥ 1.0 N/mm ²
Initial Adhesive Strength	≥ 1.8 N/mm ²
After Water Immersion	≥ 1.3 N/mm ²
After Heat Ageing	≥ 1.6 N/mm ²
Open Time	≥ 30 mins
Slip Resistance	≤ 0.5 mm
Deformability	≥ 2.5 mm

RECOMMENDATION

- Use 6 mm notched trowel for application
- Notched pattern should not parallel to tile back texture pattern
- For tile size larger than 0.15m², 1-2 mm back buttering should be applied
- For exterior tiling condition, it is advised to finish tiling with 20 mins open time



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PHYSICAL FEATURES

Physical Properties	Value
Water Demand	6.5 – 7.5 L (26 – 30%)
Consumption	1.2 kg/m ² /mm
Binder	Cement, Polymer Powder, Green Binder
Filler Size	< 1.0 mm
Application Thickness	3 - 6 mm
Open Time	30 mins
Pot Life	3 hours

STORAGE

Shelf life is 6 months if stored in dry and cool place

PACKAGE

Approx. 25kg

APPLICATION

SUBSTRATE PREPARATION

- Substrate should be free from mould oil, grease, loose particles and contamination of foreign materials
- Dampening of concrete or plastered substrate is recommended prior to the application

MATERIAL PREPARATION

- Mix 1 bag of 25kg **Secure Bond 376** with 6.5 – 7.5 L water for at least 3 minutes by electrical mixer until homogeneous
- Apply by 6 mm notched trowel on the substrate with area not more than 2 m²
- Apply 1-2 mm back buttering of on the back of tile when the tile size is > 0.15m²
- Press the tile firmly on the notched **Secure Bond 376** within the recommended open time
- Adjust tile alignment within 10 mins
- Tile Grout **Fill Series** should be applied after 8 hours

CURING

- Natural air curing is sufficient
- Do not move, press or adjust the tile within 6 hours
- Pull-off test is recommended at least after 7 days curing

SAFETY

Wear NIOSH approved facemask during mixing as to avoid inhaling of dust.

May cause irritation to eyes and skin:

1. In case of contact with eyes, rinse immediately with water and seek for medical advice if needed.
2. In case of contact with skin, rinse immediately with soap and water. To seek medical advice if needed.

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