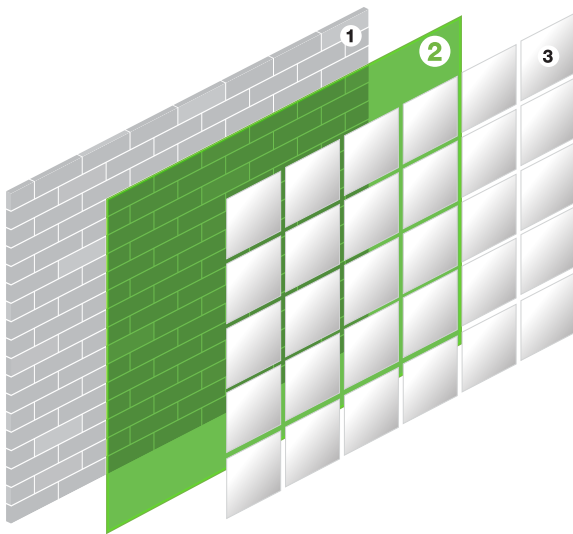




SIMPLE BOND 310

C1 Class Adhesive Strength

SYSTEM DIAGRAM



1. Substrate
2. Simple Bond 310
3. Tiles

DESCRIPTION

General thin bed adhesive for ceramic tiles with high early strength

USES

- Interior tiling for tile size not greater than 500 cm²
- Wall and floor thin bed tiling
- For fixing of ceramic tiles
- For tiling on concrete, render and screed

BENEFITS

- Adhesive strength up to 0.5 N/mm²
- For wet and dry, exterior and interior environment
- Open time 20 minutes
- Slip Resistance

COMPLIED STANDARD

- EN 1348 : 2017

TECHNICAL PROPERTIES

Technical Properties	Value
Initial Adhesive Strength	≥ 0.5 N/mm ²
After Water Immersion	≥ 0.5 N/mm ²
Open Time	≥ 20 mins
Slip Resistance	≤ 0.5 mm

RECOMMENDATION

- Use 6 mm notched trowel for application
- Notched pattern should not parallel to tile back texture pattern

STORAGE

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

PACKAGE

Approx. 25kg



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PHYSICAL FEATURES

Physical Properties	Feature
Water Demand	6 – 7 L (24 – 28%)
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	20 mins
Pot Life	2 hours

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 25 kg **Simple Bond 3** with 6 – 7 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 1m²
- Press the tile firmly on the notched **Simple Bond 310** layer 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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