

BONDING AGENT

Description

Maxcrete 201 is a modified Styrene Butadiene emulsion that is added to cement mortars to enhance bonding properties. It also intensify cement sand mixes to improve resistance and strength.

Features

- ✓ Greatly increases adhesion strength
- ✓ Excellent water resistance and reduces efflorescence.
- ✓ Enhance mortar flexibility and reduce shrinkage and crack formation.
- ✓ Improves chemical and abrasion resistance.
- ✓ Enhance compressive strength.
- ✓ Non-Toxic

Uses

- ✓ Bond coat and primer for topping
- ✓ Increase impermeability and chemical resistance.
- ✓ Keying coat over smooth surfaces to apply renders
- ✓ Increases bonding strength of cement and dry-mix to set tiles, slates and natural stones
- ✓ To create high strength repair grouts

Technical Data



Usage	Mixing Proportion	Test Method	Adhesion Strength after 28 days
Bonding Slurry	Maxcrete 201 : 1 Ltr Cement : 2 Kg	TCVN 9349:2012	0.9 N/mm ²
Splatter Key	Maxcrete 201 : 1 Ltr Cement : 2.5 Kg Coarse Sand : 2.5 Kg	TCVN 9349:2012	1.0 N/mm ²
Tile Adhesive	Maxcrete 201 : Water (1 : 1) Cement : Fine Sand (1 : 1)	TCVN 7899-2:2008	0.7 N/mm ²
Tile Adhesive (C2)	Maxcrete 201 : 2.75 Ltr Water : 2.75 Ltr Type C1 Powder : 25 Kg	TCVN 7899-2:2008	1.3 N/mm ²

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Preparation

Concrete surfaces shall be clean, sound and free from contaminants, laitance and loose particles. Absorbent substrates must be saturated thoroughly, leaving no standing water before application.

Application

Bonding Slurry Mix to a creamy consistency and brush into the surface to obtain a 1mm thick coat. Apply topping while slurry is still wet.
Coverage : Approximately 0.6 liter/m² @ 1mm thick

Splatter Key Mix to a creamy consistency and trowel a thin layer onto the smooth concrete surface. With a stiff brush, dip and dab more material onto the skim layer to create rough keys.
Coverage : Approximately 0.3 liter/m² depending on key density

Screed & Plaster Premix Maxcrete 201 to water and Cement to Sand before mixing wet and dry components. Mix to the desired consistency. Wall renders shall not exceed 10mm per layer. Scratch the render and allow to dry for 6 hours before applying the next coat.
Coverage : Approximately 1 liter/m²/cm @ 1:1 dilution

Tile Adhesive Premix Maxcrete 201 to water and Cement to Sand before mixing wet and dry components. Mix until a creamy consistency is achieved. Spread a thin uniform layer onto the substrate and apply additional mortar with a notch trowel to achieve the desired tooth thickness. Back butter ribbed backed or large format tiles before placing it with a firm pressure to ensure good contact.
Coverage : Approximately 0.4 liter/m² @ 1:1 dilution, using 6 x 6mm notch trowel

Storage & Shelf Life

Keep in cool ventilated area away from direct sunlight. Can be stored for 12 months in sealed original packaging.

Health & Safety

Prevent contact with skin and wear waterproof gloves and goggles when handling. Upon contact with skin, wash with soap and water. In case of eye contact, flush with water and seek medical attention immediately.

Note The information in this publication is given in good faith and is based on our current knowledge and experience. We assume no liability, expressed or implied, to any particular use and/or application. All information herein is effective from the date of issue and supersedes all previous editions.
* Values are typical and not meant as performance benchmark.