NX100

PremiumCement-Based, Polymer-Modified Tile Adhesive

NEXCRETE NX100 is a premium cement-based, polymer-modified tile adhesive. It offers superior bonding for vitrified tiles and Ceramic tiles. Ideal for interior floors, walls (300x300 mm tiles).



Stronger Bonds, Peaceful Living

TILES | STONES | SPACES | FOREVER

Where to Apply

NEXCRETE NX100 Perfect for thin-bed fixing of ceramic, vitrified tiles, on interior floors and walls (300x300 mm tiles). Works excellently on cement-based surfaces like plaster, concrete, and screed in internal dry and wet zones.

Why to use our product

- **Strong adhesion for lasting tile fixing**
- **Ready to use - only water needed**
- **Self-curing - saves time and effort**
- **Economical and easy to apply**
- **Built for endurance and performance**
- **Tiles can be fixed directly - no pre-wetting needed**

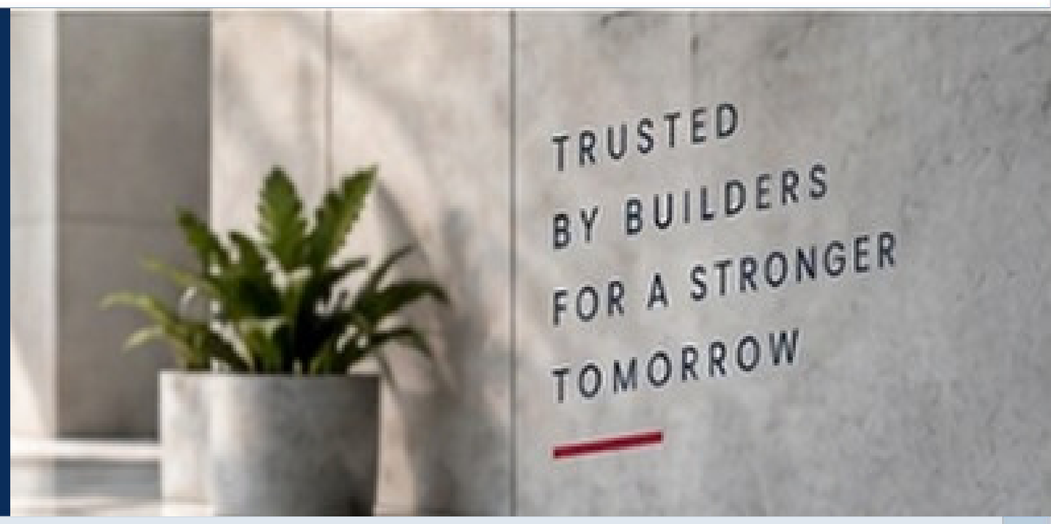
NEXCRETE THE FUTURE BUILDS HERE

H.O.: 1st Block, FN 214, Jain Cambrae East Apartment, Avinashi Road, Peelamedu, Coimbatore - 641004

Plant: Sasi Premix, 456/2, Keeranur Post, Kangayam Taluk, Tiruppur - 638701

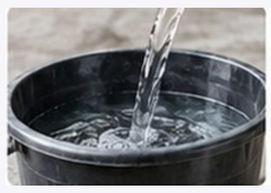
Application Method & Technical Data

Step-by-step installationguidancewithperformance specifications for NEXCRETE NX100.



Application Steps

01 Water addition



Add clean water approx. 8 to 8.8 L to a clean mixing container.

02 Surface Preparation



Prepare the surface and clean the tiles before the application of tile adhesive by removing oil, bond inhibiting agents, dirt, dust and laitance.

Clean the surface following suitable methods like by using wire brush, water jetting, mopping, etc.

03 Mixing



NEXCRETE NX100 requires 21-23% potable water by weight of material.

Add NEXCRETE NX100 to the measured quantity of water, while continuously stirring using a mechanical stirrer for 3-5 minutes to ensure a consistency free of lumps.

Allow the mix to stand for 5 minutes to mature and then mix it again before use.

Do not add more water to alter the mix consistency or to extend the pot life. Further water addition will hamper the adhesion strength of the tile adhesive.

04 Application



Applythe mixed Nexcrete NX100 to the prepared substrate using the appropriate notched trowels (recommended 6mm) according to the size of the tiles being laid.

It is recommended to use suitable spacers while fixing tiles to ensure uniform tile fixing and creation of joints.

A minimum of 3mm bed thickness of tile adhesive for walls and floors must be achieved. Average bed thickness should be between 3mm - 12 mm.

Lay tiles onto the adhesive. Gently press each tile and move it in perpendicular direction to the notches, to ensure no air cavity remains in mortar and good initial bonding is attained. Do not disturb the tiles until the adhesive has set. It is recommended to fix the tiles within 10 minutes of spreading Nexcrete NX100 to achieve adequate bonding as per the technical data provided.

Any tile fixing after 10 minutes of spreading Nexcrete NX100 will lead to improper adhesion and may result in de-bonding of tiles.

For vertical surfaces applications, tiling should start from bottom to top.

Key Performance Indicators

Pot Life
90 Minutes

Open Time @25°C
10 Min

Recommended Thickness
3–12 mm

Coverage / 40 kg
100-110 sq ft @ 3mm

TYPE 1 - TILE ADHESIVE

PARAMETERS	TYPICAL VALUES
Bulk Density	1300-1500 kg/m³
Water Demand	8 - 8.8 L/Bag
Pot Life	90 Minutes
Open Time @25°C	>10 Min
Adjustable Time @25°C	>10 Min
Usage Time Post application	24 hrs
Recommended Thickness	3-12 mm
Shelf Life	12 Months
Coverage / 40 kg	100-110 sq ft @ 3mm

Performance, Safety & Storage

Verified bond strength data, safe-use guidance, and important installation notes.

Performance Test Results

Tensile Adhesion - N/mm² @ 28 days	Test Results	As per IS 15477-2019
DRY Condition	Exceed standard	Minimum 0.5 N/mm²
Slip Resistance / mm	< 0.5 mm	< 0.5 mm

Shear Adhesion - N/mm² @ 28 days	Test Results	As per IS 15477-2019
DRY Condition	Exceed standard	Minimum 1.00 N/mm²



Shelf Life

NEXCRETE NX100 Tile Adhesive has a shelf life of 12 months from the date of manufacture.

Safety Directions

Product is non-toxicand non-flammable.
Wear gloves and goggles while working.
If the material splashes on skin or in eyes, wash with plenty of clean water immediately.
Consult a doctor if irritation continues.

NOTE

Wait at least 24 hours before using the tiled area.
Do not tile when temperature is below 5°C or above 50°C. In temperatures under 20°C, allow extra curing time.
Working times will change with surface porosity, wind, temperature, and humidity on site.
Do not use on: flexible surfaces like fiber cement board, plaster board, timber; or directly on metal, glass, plastic, PU membranes, and moisture-sensitive tiles/stones.
Avoid applying in direct sunlight.
Lab test data may differ from actual site conditions and application methods.

Technical Parameters Technical parameter complies with IS 1.577-2019 and EN 12004/ISO 13007