THIN-BED MORTAR

Ready Mix Thin-Bed Mortar ForAAC BlocksApplication

NEXCRETE THIN-BED MORTAR is recommended during masonry wall preparation for joining all types of autoclave aerated concrete (AAC) blocks, fly ash bricks, and also for internal and external wall plastering.

Nexcrete delivers factory-controlled, high-performance ready-mix mortar that ensures consistent quality, faster application, superior bonding, and crack-resistant finishes. Ideal for AAC block fixing, wall plastering, ceiling applications, machine-assisted use, and external use.

Stronger Bonds,

Peaceful Living



Where to Apply

joining AAC blocks, fly ash bricks ; internal and external plastering

TILES | STONES | SPACES | FOREVER

Why to use our product

High Bond Strength

Reduces the risk of Cracks at Joints

Smooth Application

Improved Compressive Strength

Uniform Quality

Factory-Controlled Mix

Crack-Resistant Finish

Application Method & Comparison

Step-by-stepusageguidanceand aclearcomparison between conventional site mixing and ready-mix mortar.



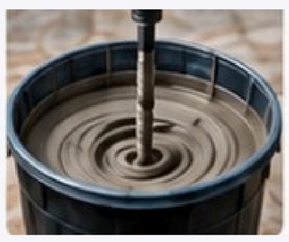
Application Steps

01 Water addition



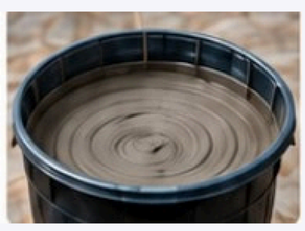
Add clean water approx. 8 to 8.8 L to a clean mixing container.

02 Mixing



Add THIN-BED MORTAR gradually while stirring continuously until a lump-free, homogeneous mix is achieved.

03 Rest



Let the mix rest for 3–5 minutes, then remix and use it.

04 Application



It is recommended to apply THIN-BED MORTAR with notch trowel for attaining uniform thickness of 3 mm consistently.

Key Indicators

Bag Size
40 kg

Coverage
110 sq. ft. @ 3 mm

Recommended Thickness
3–5 mm

Shelf Life
6 Months

Why Ready Mix is Better

Attribute	Conventional Site Mix Method	Ready Mix plasters
Graded Sand – for compactness	NO	YES
Silt free & organic content free sand – For good quality	NO	YES
Same sand source – consistency	Not always	YES
Polymers – for enhanced weather resistance and workability	NO	YES
Storage space requirement – for sand and cement	High	Low
Manpower requirement during Application	Normal	Low – due to premixed content, only water to be added on site
Sand – Cement Mix Ratio	Inconsistent	Consistent and optimized for best results
Wastage – due to sand spillage or on-site mixing	Yes	Negligible
Time of application – Mixing & Application	High	Low

Technicals, Spread, Size & Shelf Life

for NEXCRETE THIN-BED MORTAR.

Technical Data

THIN-BED MORTAR - PLASTERING

Parameters	Typical Values
Appearance	Grey Powder
Water Demand	8 – 8.8 L/Bag
Bond Strength (28 Days)	≥ 0.5 N/mm²
Pot Life	60 Minutes
Recommended Thickness	3 – 5 mm
Compressive Strength (28 Days)	≥ 5 N/mm²
Shelf Life	6 Months

Parameters	Typical Values
Appearance	Grey Powder
Water Demand	8 – 8.8 L/Bag
Pot Life	60 Minutes
Recommended Thickness	10 – 12 mm
Compressive Strength (28 Days)	≥ 7.5 N/mm²
Shelf Life	6 Months
Coverage	18 – 20 sq ft @ 12 mm
Pull Out Bond Adhesion	0.5 MPA



Spread / Size / Shelf Life

40 kg bag of NEXCRETE THIN-BED MORTAR can cover 160 sq. ft. at a thickness of 3 mm.

Store in a cool and dry place. NEXCRETE THIN-BED MORTAR has a shelf life of 6 months from the date of manufacture.

Key Product Information

Coverage
110 sq. ft. @ 3 mm

Bag Size
40 kg

Shelf Life
6 Months

NOTE

The technical data sheet contains details taken in lab-testing conditions and may vary in actual usage due to site application methods.
Avoid applying in temperatures below 5°C or above 50°C.
This product helps reduce plastic shrinkage and drying shrinkage cracks, but design, load, or movement may still cause structural cracks.
The product helps reduce material wastage, time required, and physical effort. Actual results may vary based on site conditions and workmanship.
In windy and/or high-temperature conditions, faster drying may cause shrinkage-related issues.
Consult NEXCRETE Building Solutions Private Limited, Technical Services Cell for any further technical assistance.

Technical Parameters Technical parameter complies with IS 1661-1972, IS 2250-1965, EN 998-1-2010.