



METADYNAMICS

TECHNICAL DATA SHEET

METACRETE IS USED AS A THIN SKIM FINISHING PLASTER FOR INTERNAL APPLICATIONS ONTO DRYWALL BOARDS, CEILING BOARDS, AND AS A FINISH ONTO SAND AND CEMENT PLASTERED WALLS.



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PRODUCT DESCRIPTION

METACRETE is a formulated and retarded gypsum hemihydrate finishing plaster.

Thin coat finishing product:
METACRETE complies to the Standard DIN EN 13279-1 Category C6

PURITY
CaSO₄·0.5H₂O 90 %
Additives 10 %

PHYSICAL PROPERTIES

Colour: Off white 85 – 95 % whiteness scale
Dry pack density: 0.6 – 0.8
pH: 7 – 10
Dry set density: 1.45
Coverage of 40 kg: 25m² for 3mm thick
11.5m² for 5 – 6mm thick
Compressive strength: 2 – 4 N/mm² (DIN EN 13279-2)
Flexural strength: 2.5-3.5 N/ nm² (DIN EN 13279-2)
Bound Moisture: 5 – 7%
Pot life of mixed plaster: 40 – 70 minutes
Initial set: Cement needle test 55 – 75 minutes (DIN EN 13279-2)
Final set: Cement needle test 75 – 105 minutes (DIN EN 13279-2)
Open time: 20 - 40 minutes
Typical drying time on board 24 – 48 hours

MIXING INSTRUCTIONS

Water / Plaster ratio: 0.55 – 0.65
Add 40 kg METACRETE to 22 - 26 litres of water
Allow to soak for 5 minutes
Mix until lump-free to a smooth paste

APPLICATION DETAILS

Water / powder: 55 – 65 ml water /100 g plaster

Application surfaces:

- Apply to clean surface
- Sprinkle water onto sand and cement surface
- Apply METACRETE onto the surface with a steel trowel between 2-6mm thick
- After 20-30min level with steel trowel
- Continue to smooth surface with steel trowel until smooth
- Do not rubber/carpet float
- Do not mix more METACRETE than you can use in 30 minutes.
- Avoid damp areas and areas with high moisture content

CLEANING:

Clean all tools thoroughly with water before mixing the next batch

PACKAGING:

40 kg

STORAGE

Store in a cool dry place away from direct sun and humidity.



SMOOTHER FROM START TO FINISH



MADE IN SOUTH AFRICA



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