

METADYNAMICS



TECHNICAL DATA SHEET

METACOTE IS USED AS A COMBINED BASECOAT AND FINISHING PLASTER FOR INTERNAL APPLICATIONS ONTO BRICKWORK, CONCRETE BLOCKS, DRY WALLING AND AS A FINISHING PLASTER FOR SAND CEMENT BASE COATS.



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PRODUCT DESCRIPTION

METACOTE is a formulated and retarded gypsum hemihydrate finishing plaster.

Thin coat finishing product:
METACOTE 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/ mm² (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 METACOTE 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 the surface
- Apply METACOTE onto the surface with a steel or rubber faced float
- After 20 – 30 minutes, level with steel float
- After 45 – 55 minutes, wet float with carpet or rubber faced float
- After 60 – 70 minutes, final finishing to smooth surface by scraping with steel float
- Do not mix more METACOTE than you can use in 30 minutes.
- Do not apply less than 3mm thick.

CLEANING:

Clean all tools thoroughly with water before mixing the next batch

PACKAGING:

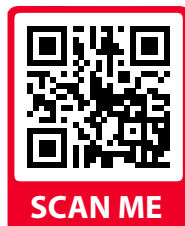
40 kg and 20 kg bags.

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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