

METADYNAMICS



## TECHNICAL DATA SHEET

METAJOINT IS USED AS A SMOOTH FILLER FOR PATCHING,  
BEDDING AND FINISHING FOR GYPSUM BOARDS USED IN CEILING  
OR DRY WALLING APPLICATIONS



# METAJOINT

## TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

METAJOINT is a formulated and retarded gypsum hemihydrate jointing plaster.

METAJOINT complies to the Standard DIN EN 13279-1 Category C6

PURITY	
CaSO <sub>4</sub> ·0.5H <sub>2</sub> O	35 - 45 %
CaCO <sub>3</sub>	50 - 60%
Additives	5 %

### PHYSICAL PROPERTIES

Colour:	Off white 85 – 95 % whiteness scale
Dry pack density:	0.6 – 0.8
pH:	6.5– 7.5
Dry set density:	1.45
Coverage of 40 kg:	35 - 40 linear meter per bag

Compressive strength:	2.5 – 3.5 N/mm <sup>2</sup>	(DIN EN 13279-2)
Flexural strength:	2.0-3.0 N/ nm <sup>2</sup>	(DIN EN 13279-2)
Bound Moisture:	2.5– 3.2%	

Pot life of mixed plaster: 60 – 80 minutes

Initial set: Cement needle test	90 – 105 minutes	(DIN EN 13279-2)
Final set: Cement needle test	120 – 140 minutes	(DIN EN 13279-2)

Typical drying time on board 4 – 6 hours

### MIXING INSTRUCTIONS

Water / Plaster ratio: 0.45 – 0.50  
Add 20 kg METAJOINT to 9 - 10 litres of water  
Allow to soak for 5 minutes  
Mix until lump-free to a smooth paste

### APPLICATION DETAILS

Water / powder: 45 – 50 ml water /100 g plaster

#### Application surfaces:

- Apply to clean surfaces of drywall gypsum board and ceilings.
- Cover joint with self-adhesive mesh fabric
- Sprinkle water onto the surface
- Apply METAJOINT onto the surface with a steel or rubber faced float
- Apply 2 coats if necessary, allowing product to set between applications.
- After complete drying, sand to desired finish, or plaster the entire surface with METACOTE.
- Do not mix more METAJOINT than you can use in 60 minutes.

#### CLEANING:

Clean all tools thoroughly with water before mixing the next batch

#### PACKAGING:

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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