



TECHNICAL DATA SHEET

METAPOP IS USED AS A CASTING/MOULDING PLASTER OR AS
STARTING MATERIAL FOR OTHER CUSTOM FORMULATIONS
FOR INTERNAL APPLICATIONS.



METAPOP

MOULDING PLASTER

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PRODUCT DESCRIPTION

METAPOP is a formulated and retarded synthetic gypsum hemihydrate Plaster of Paris.

METAPOP is generally in accordance to the Standard ASTM C59(M)

PURITY	
CaSO ₄ 0.5H ₂ O	95 %
Additives	< 1%
Inerts	< 5%

PHYSICAL PROPERTIES

Colour:	Off white 85 – 95 % whiteness scale	
Dry pack density:	0.6 – 0.8	
pH:	4 – 9	
Dry set density:	1.45	
Compressive strength:	12 – 15 N/mm ²	(ASTM C472/DIN EN 13279-2)
Flexural strength:	5 - 7 N/ mm ²	(DIN EN 13279-2)
Bound Moisture:	5 – 7%	

Initial set: Cement needle test	20 – 25 minutes	(ASTM C472/DIN EN 13279-2)
Final set: Cement needle test	30 – 35 minutes	(DIN EN 13279-2)

MIXING INSTRUCTIONS

Water / Plaster ratio: 0.65
Add 40 kg METAPOP to 26 litres of water
Mix until lump-free to a smooth paste

APPLICATION DETAILS

- METAPOP can be mixed with water or resin containing liquids to produce decorative artefacts.
- METAPOP can be applied in neat form or strengthened by introducing fibres in the plaster.
- Do not mix more METAPOP than you can use in 20 minutes.
- METAPOP can be further formulated to produce custom formulations.

CLEANING:

Clean all tools thoroughly with water before mixing the next batch

PACKAGING:

40 kg bags.

STORAGE

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

SMOOTHER FROM START TO FINISH



MADE IN SOUTH AFRICA



METADYNAMICS

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