CAPITALY ENTERPRISES

كابيتالي للمشاريع

PART OF AL ASEMA GROUP

CR NO. 56974

Technical Data Sheet

Gypsum Powder, Mesh 200

PRODUCT CODE **CAP-GYP-CPT-M200-B25**	CLASSIFICATION **Building plaster, fine ground (stucco)**	REFERENCE STANDARD **Test methods: BS EN 13279-2 / ASTM C471M-20**
SUPPLIER **Capitaly Enterprises, Qatar**	ISSUE DATE **10 August 2026**	REVISION **01**

PHYSICAL PROPERTIES

PROPERTY	UNIT	RESULT	STANDARD
Whiteness	%	**90**	min 88
Initial setting time	min	**9**	6 - 12
Final setting time	min	**20**	12 - 25
Compressive strength, 2 hours	N/mm²	**7.0**	min 6
Flexural strength, 2 hours	N/mm²	**2.6**	min 2
Retained on 200 mesh sieve	%	**0.2**	max 4
Water / stucco ratio	%	**83**	—
Loose bulk density	kg/m³	**700 - 900** †	—
Free moisture	%	**< 0.3** †	—
Shelf life, sealed bag	months	**6** †	—

CHEMICAL COMPOSITION

CONSTITUENT	SYMBOL	UNIT	RESULT	STANDARD
Combined water	H_2O	%	**5.7**	4 - 7
Free lime	CaO	%	**< 5** †	—
Impurities (silica)	SiO_2	%	**< 1** †	—

† *Typical value, characteristic of the material. Not a certified test result for an individual consignment. A certificate of analysis for a specific consignment is issued on request.*

APPLICATIONS

- Interior wall and ceiling plaster
- Gypsum board and plasterboard manufacture
- Decorative cornice, moulding and ornamental casting
- Ceramic and sanitaryware mould making
- Cement retarder in Portland cement production
- Soil conditioning in agriculture

PACKING AND SUPPLY

- 25 kg bag
- 40 kg bag
- Jumbo bag (FIBC)

This data sheet reflects test results supplied by the manufacturer named herein and is given in good faith. It does not constitute a specification or a warranty of performance, and material characteristics may vary between consignments. Users are responsible for verifying suitability for their intended application and for compliance with project specifications. Certificates of analysis for a specific consignment are issued on request.

HANDLING AND STORAGE

- Store under cover, clear of the ground, in dry and well-ventilated conditions.
- Keep bags sealed until use. Protect from moisture and direct weather exposure.
- Rotate stock on a first-in, first-out basis.
- Refer to the Safety Data Sheet for personal protective equipment and first-aid measures before handling.

TECHNICAL NOTES

Fineness: effectively full passage at 200 mesh, with 0.2% retained.

Setting behaviour is sensitive to water temperature, mixing time and the water/stucco ratio. Trial mixes are recommended before bulk use.

Product is hygroscopic. Setting time shortens with age and with exposure to humidity.

Strengths are measured 2 hours after casting, per BS EN 13279-2.

Source of test data: Manufacturer's certificate of analysis, held on file with Capitaly Enterprises.

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