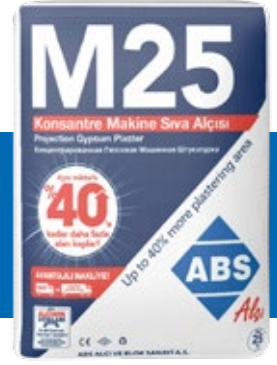


# TECHNICAL DATA SHEET

## ABS M25

### Projection Gypsum Plaster



#### DEFINITION

M25 projection gypsum plaster is a gypsum based plaster with a lightweight formula applied by a plastering machine.

#### AREAS OF USAGE

Concrete, exposed concrete, brick, pumice block, gas concrete, etc. surfaces in interiors.

#### SPECIFICATIONS

- It takes up to 40% more space with the same amount.
- It provides advantage in transportation.
- It balances the humidity level in the environment through its breathing feature.
- Its extended working time and lightness enables an easy application with low waste rate.
- It can be applied with hand mix if necessary.
- It composes a smooth, paint-ready surface in a single layer. There is no need to apply finishing plaster.
- It is an A1 class non-combustible building material.

#### PREPERATION AND APPLICATION

- Prior to application, the surface should be free of dust and substances that prevent adhesion and should be watered if it is dry, hot or has high suction.
- Before application, exposed concrete surfaces should be roughened or treated with ABS Exposed Concrete Primer min. 24 hours in advance.
- Laths should be placed at intervals of around 150-200 cm and plaster profiles should be embedded to the outer corners.
- ABS M25 is mixed by a plastering machine, sprayed between the laths and the surface is leveled using a straight edge.
- The second leveling is made after 15-20 minutes.
- The plaster is trowelled at approx. 50-70 minutes (with a rubber trowel), at 60-80 minutes (with a steel trowel for polishing) and finally at 120-140 minutes to obtain a hard, glazed and glossy surface.

#### WARNINGS AND RECOMMENDATIONS

- Do not mix ABS M25 with any other product or material.
- One coat of application thickness should be between 8-30 mm on the wall, 8-15 mm on the ceiling.
- Site temperature should be at minimum +5°C, maximum +35°C
- The plastering machine and the application tools should be clean.
- Plaster mesh should be used at the intersection joints of different types of materials.

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### STORAGE CONDITIONS

ABS M25 should be stacked up maximum 20 bags.

Shelf life is 6 months from the production date if closed bags are stored in dry, moisture free interiors off the floor / on pallet

### TECHNICAL DATA

Water / Gypsum Ratio	6,2-7,2 lt water for 10 kg M25
Initial Set	>50 minutes (Complies with TS EN 13279-1)
Final Set	220-240 minutes
Consumption Amount	7,5-8 kg/m <sup>2</sup> per 1cm of thickness
Pressure Strength	≥20 kgf/cm <sup>2</sup> (4x4 block)
Flexural Rapture Resistance	≥10 kgf/cm <sup>2</sup> (4x4x16 block)
Loose Unit Volume Weight (powder)	650-700 kg/m <sup>3</sup>
Dry Unit Volume Weight	900-950 kg/m <sup>3</sup>
Thermal Conductivity Value	0,30 W/mK
Class of Reaction to Fire	A1
Standard	TS EN 13279-1
Type	B4/50/2 Lightweight Gypsum Plaster (Applied with Machine)
Packaging Type	Polypropylene Bag
Net Weight	25 kg ± %2

### SAFETY INFORMATION

Read the directions before usage.

Use glove, eye and face protection.

In case of skin contact, wash thoroughly with water.

In case of eye contact rinse cautiously with water for several minutes.

Get medical attention in case of irritation or rashness in skin.