

TECHNICAL DATA SHEET

ABS Gypsum Based Adhesive



DEFINITION

Gypsum based adhesive for plasterboards

AREAS OF USAGE

Used for bonding plasterboards, polystyrene materials, mineral wools and insulated composite panels to concrete, exposed concrete, brick, pumice block, gas concrete, etc. surfaces.

SPECIFICATIONS

- It balances the humidity level in the environment through its breathing feature.
- Its ideal working time enables an easy application with low waste rate.
- It has high adhesion feature.
- Its strength increases quickly after setting.
- 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.
- Sprinkle gypsum into clean cold water until the water surface is fully covered.
- After several minutes, start mixing with a low-speed mechanical mixer until it becomes thick and creamy, without lumps.
- The mixture is then applied in dabs having 10cm perimeter and in 4 vertical rows having 40 cm spaces between to the reverse side of the board.
- Another method is to apply the plasterboard adhesive to the wall surface.
- Wedge the board into place using plasterboard packers, press and bond the board to the wall. Level and smooth the surface.
- If there is more than 3 cm leveling difference, plasterboard pieces should be used to wedge beforehand.

WARNINGS AND RECOMMENDATIONS

- Do not mix ABS Plasterboard Adhesive with any product or material.
- Do not add water or gypsum to the mixture afterwards
- Site temperature should be at minimum +5°C, maximum +35°C
- The bucket, water and the tools used should be clean

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STORAGE CONDITIONS

ABS Plasterboard Adhesive 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	4-5,2 lt water for 10 kg plaster
Application Time	50 minutes
Final Set	80-90 minutes
Bonding Strength	>0,06 MPa (Complies to TS EN14496)
Strained through 200 micron sieve (min)	%80
Loose Unit Volume Weight (powder)	850- 900 kg/m ³
Dry Unit Volume Weight	1100-1150 kg/m ³
Thermal Conductivity Value	0,39 W/mK
Class of Reaction to Fire	A1
Standard	TS EN 14496
Type	Gypsum based Adhesive for Thermal/Sound Insulated Composite Panels and Plasterboards in General Building Construction
Packaging Type	Polypropylene Bag
Net Weight	25 kg \pm %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.