

TECHNICAL DATA SHEET

ABS Cornice Plaster



DEFINITION

Gypsum plaster used in castings of all kinds of decorative shapes, molding and assembly works in interiors.

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 composes a smooth casting surface.
- It can be used for casting and adhering.
- It is an A1 class non-combustible building material.

PREPERATION AND APPLICATION

- The molds used in casting should be free of dust, set pieces of plaster and substances that prevent adhesion. Also they should be covered with mold oil or another separative material.
- Sprinkle gypsum into clean cold water fingerbreadth above water level. After several minutes, start mixing with low-speed mechanical mixer until it becomes thick and creamy, without lumps.
- Pour the first coat of plaster to the mold and shake it in order to prevent any hollows. Place fiberglass or flax onto this first coat, pour the second coat and flatten the surface.
- After the plaster stiffens, wipe out the surplus from the corners and take off the cornice plaster from the mold following the final set.
- The installation surface should be free of dust and substances that prevent adhesion. The surface should be roughened if it is smooth and should be dampened if it is dry.
- Apply the prepared adhesive mortar to the back of the cornice plasters and pressure firmly for several minutes for adhesion.
- Fill the joints with cornice mortar, flatten the surface and clean the burrs to achieve a smooth apperance.

WARNINGS AND RECOMMENDATIONS

- Do not mix ABS Cornice Plaster 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
- Dry surfaces should ve dampened before application.
- Diminish the water amount for a more rigid plaster mortar.
- The bucket, water and the tools used should be clean.

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STORAGE CONDITIONS

ABS Saten Cornice Plaster 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	6,7-7,5 lt water for 10 kg plaster
Initial Set	>8 minutes (Complies with TS EN 13279-1)
Final Set	25-30 minutes
Flexural Rapture Resistance 2h	>15 kgf/cm ²
Flexural Rapture Resistance 7d	>30 kgf/cm ²
Surface Hardness 2 h	>40 kgf/cm ²
Surface Hardness 7 d	>100 kgf/cm ²
Strained through 200 micron sieve (min)	99,10%
Strained through 100 micron sieve (min)	96,50%
Loose Unit Volume Weight (powder)	700-750 kg/m ³
Dry Unit Volume Weight	1000-1050 kg/m ³
Class of Reaction to Fire	A1
Standard	TS EN 13279-1
Type	C1
	Fiber Reinforced Building Plaster
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.