

CELLANTE PT

Adhesive for gypsum manufactures

ADHESIVE FOR GYPSUM
BLOCKS
EN 12860

DESCRIPTION:

Collante PT is a mix of hemi-hydrate calcium sulphate, resins, and additives serving for the formation of a homogeneous and creamy mixture with some special physical characteristics that make it a perfect adhesive for gypsum manufactures.

FIELDS OF USE:

Collante PT is the only adhesive specially designed for the fixing of the plasterbrick blocks, plaster blocks, and fibreglass reinforced plaster Tecnoboard slabs. It's also used for the fixing of every kind of gypsum manufactures such as false-ceilings, stuccos, roses, frames, and so on.

PREPARATION:

Take a container with the necessary quantity of clean water and slowly sprinkle the product homogeneously until saturation. The water/powder mixing ratio is 100/140 if the product is used to lay blocks or panels, whereas it is 100/160 if it is used to glue gypsum elements on the walls.

Let it rest for about 10 minutes to avoid the formation of crumbs. Then mix manually using a trowel or by electric low speed mixer. Prepare the quantity that you can use within 90-120 minutes (at the temperature of 20° C). The working time of the product can be shorter at high temperatures.

INSTRUCTIONS FOR USE:

Put both plaster or plasterbrick blocks and Tecnoboard slabs with the groove side up. Prepare a fluid mixture of Collante PT and then abundantly pour it directly on the groove sides of the panels. If you use Collante PT to glue gypsum elements on walls and ceilings, it must have a creamy consistency. In this case the working time will be reduced by 10-20 minutes.

TECHNICAL PROPERTIES:

Residual at 100 µm	%	< 0.5
Title of CaSO ₄ .2H ₂ O	%	> 85
Water / powder ratio		100/140
Initial setting time	min	90 - 120
Compressive strength	N/mm ²	6.5 - 7.5
Bending strength	N/mm ²	2.5 - 3.0
Fire reaction	Class	A.1

PACKAGING:

- Moisture-free paper bag Kg 25
- Big-Bags.

CAUTIONS:

Use the product at temperatures between 5° C and 35° C. At lower temperatures the drying process becomes very slow and the frost can damage the product, at higher temperatures the too fast drying process can cause micro-cracking.

After the application you must ventilate the rooms in order to avoid the formation of mildew and to provide a good seasoning.

STORAGE:

Stock the product in a dry place far away from the sources of humidity. Paper bags should be stocked avoiding a direct contact with the floor and an occasional trickling.

TECHNICAL ASSISTANCE:

For further information please contact Gessi Roccastrada technical Service.