POLY DECOR 1300- DECORATIVE MINERAL PLASTER - SCRATCHED TEXTURED

DESCRIPTION :

POLYDECOR 1300 is a white cement-based decorative render formulated with selected mineral aggregates to create linear or scratched surface patterns. Suitable as the final coat in EPS, XPS and mineral wool ETICS systems.

ADVANTAGE:

- Easy to apply.
- Long-lasting, non-flammable and does not blister.
- Creates natural texture on surface due to special filling size.
- Allows breathing surfaces due to its water vapour permeable structure.
- Resistant to water and frost.
- Resistant to sudden heat changes; no contraction or peeling.
- Available for painting with house-paint if required.
- Fixes surface errors or defects

AREA OF USE :

- Indoor and outdoor spaces.
- Indoor and outdoor spaces requiring durability and decorati look.
- Decorative covering on thermal insulation systems.

MIXTURE PREPARATION :

- POLYDECOR 1300 on 6 – 6.5 L of clean water slowly and mix to obtain a homogeneous paste free from lumps.
- A low-speed mixer is recommended to mix. Do not add any substance which is not mentioned in the instructions for the application.
- The prepared mortar is left to rest for 5 minutes so that it matures after which it is mixed for 1-2 more minutes and then it becomes ready for application.

APPLICATION :

- POLYDECOR 1300 is applied on the surface with a steel trowel.
- 5 minutes after it is spread homogeneously on the surface, it is given a decoration with a plastic trowel with circular motions.
- Trowel should be frequently cleaned during decoration.
- In case the ambient temperature is high, the application surface is kept wet until the cement sets.
- Once the surface is fully dry, if desired, it can be painted with house paint.

PRECAUTION IN APPLICATION:

- Should not be applied to surfaces that were exposed to sunlight for too long or to surfaces that are too hot or frozen.
- Should not be applied when the ambient temperature is not within the values of +5°C and +30°C.
- The application area should be protected from the effects of wind and direct sunlight.
- Boards that have stayed under sunlight for too long and have lost their effective features should not be

SURFACE PREPARATION :

- The application surface on the board should be clean and dry.
- Thermal insulation boards should be well placed in gauge and plumb.
- Gaps between boards should be filled with same insulating material or foam depending on their width.

SECURITY INFORMATION :

Use protective clothes, gloves, glasses and mask compatible with Health and Safety regulations during the application. It should not contact skin and eyes. In case it contacts to skin and eyes, rinse it with water and if swallowed ask for medical help. Food and beverage should not be allowed in the application area. It should be stored at the reach out of the children. The Material Safety Data Sheet (MSDS) should be read for detailed information.

STORAGE AND SHELF LIFE :

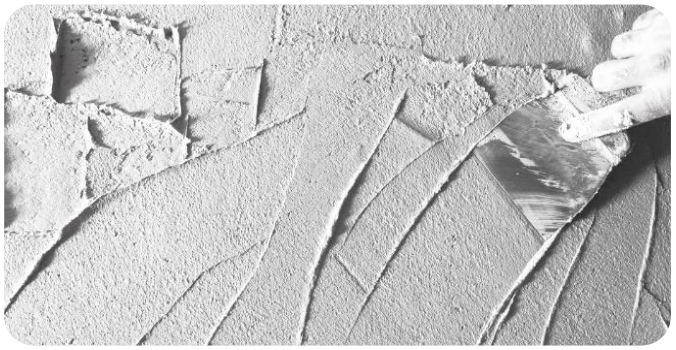
Must be stored at temperatures between +5°C and +35°C. Under proper storing conditions, the product's shelf life is 12 months from production date if kept in original packaging unopened and undamaged. Packaged products must be shaken before use

CONSUMPTION :

3.5– 4.5 kg/m²

PACKING :

25 kg craft bags.



TECHNICAL PROPERTIES:

Appearance	White Powder	-
Pot Life	3 Hours	-
Aplication Tempeture	Between +5°C and +35°C	-
Mixing Ratio	6 – 6.5 L water / 25 kg powder	-
Consumption	2.5 – 3.5 kg/m^2	-
Dry Bulk Density	1500±100 kg/m3	EN 1015-10

PERFORMANCE :

Gloss	G3	EN ISO 2813
Dry Film Thickness	E5	EN 1062-1
Grain Size	S3	EN ISO 1524
Water Vapour Transmission Rate	V1	EN ISO 7783
Water Transmission Rate	W2	EN 1062-3
Crack Bridging	A0	EN 1062-7
Carbon Dioxide Permeability	C0	EN 1062-6
Compressive Strength	≥6 N/mm^2 - CSIII	EN 1015-11
Flexural Strength	≥ 2 MPa	EN 1015-11
Capillary Water Absorption	≤ 0.2 kg/$m^2dk^{0.5}$ Wc1	EN 12808-5
Adhesion Strength to Substrate	≥ 0.3 N/mm^2	EN 1015-12
Water Vapor Permeability Coefficient	≤20 µ	EN 1015-19
Thermal Conductivity	≤0,60 W/mk	EN 1745
Reaction to Fire	A1	EN 13501-1

Hereby technical values and product application instructions are obtained in the wake of tests conducted in environment of +23±2°C temperature with relative humidity of %50±5. Higher temperatures will shorten the time span, while lower temperatures will extend it.