

ClimaTech Deco 20

ETICS Decorative Coating

Product Description:

Bostik ClimaTech Deco 20 System Decorative Coating is a decorative finishing coating within the Bostik ClimaTech Energy Saving Systems that is cement and mineral-based, white colored, 2mm thick, homogeneous particle-textured, containing polymer additives. It can be used both indoors and outdoors, providing a surface ready for painting with superior waterproofing qualities.

Areas of applications:

- Both interior and exterior
- In ceilings and walls
- On exposed concrete surfaces

Features:

- Resistant to water, frost, humidity and adverse weather conditions.
- Flexible and easy-to-apply.
- High adhesive ability; easily adheres on cement-based surfaces including exposed surfaces.
- Provides air flow; stabilizes the humidity rate inside by allowing vaporization.
- Prepares a ready surface for paint.
- Fireproof.

Technical data:

Dmax (mm)	2
Colour	White
Applicable thickness (mm)	2
Dry unit volume weight (kg / lt)	1,6 ± 0,2
Wet unit volume weight (kg / lt)	1,8 ± 0,2
Waiting duration in container (min)	~ 30
Run duration (min)	20 - 25
Drying duration (hour)	~ 24
Compressive Strength (28 days) (N / mm ²)	≥ 12
Bending Strength (28 days) (N / mm ²)	≥ 3
Mixing Ratio (for 25 kg dry mortar)	~ 5 lt
Environment temperature for application	Between +5°C and +35°C
Resistance of hardened coating	Between -25°C and +80°C

It has been classified in compliance with TS EN 1062-1.

Dry film thickness	E 5	Crack covering quality	A 0
According to the size of grains	S 4	Carbon dioxide permeability	C 0
Water vapour transfer speed	V 1	Resistance to mould formation	K 2
Water transfer speed	W 2		

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%. The specified figures increase while external environment temperature is decreasing, and declines while run temperature is increasing.

Preparing the substrate :

- The surfaces to be coated should be free of adhesive preventive foreign substances such as dust, dirt, mould oil, paint etc.; residues and wastes like cement, plaster and concrete should also be removed.
- The sub-surfaces that are not strong enough to carry themselves e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.
- The exposed concrete surfaces should be primed prior to application.

- For highly absorbent or polished concrete surfaces, using Bostik Climatech DecoPrim Primer is recommended due to adherence bridge.
- Aerated concrete or porous brick surfaces should be primed beforehand.
- Primer is applied in minimum 24 hours after the plaster is dried.

Application:

- Bostik ClimaTech Deco 20 system Decorative Coating in powder state should be mixed in low cycle after pouring into a container filled with some clean water at normal environment temperature until a smooth mixture is obtained. Mixing time should be minimum 5 minutes. The obtained mortar should be rested for 3 minutes and mixed for 2 minutes until it becomes homogenous.
- The fresh mortar should be used in 30 minutes.
- Bostik ClimaTech Deco 20 system Decorative Coating is applied on the surface with a trowel.
- Before the plaster is dried, a texture is formed on the surface by finishing with a trowel.
- After dried, it is painted with solvent-free and suitable façade paint.
- In wide surfaces, application should be carried out with sufficient workmen and without stopping.
- In the areas of façade that require inevitable finish, the application must be done by highlighting the edges with a protective tape.
- During the last layer coating applications, quick dry due to adverse weather conditions should be prevented.

After application:

Plaster applied surfaces should be protected from direct sunlight, severe air stream, high temperatures (over +35°C), adverse air conditions such as rain and frost in order to prevent fast and unhealthy drying.

Coverage:

App. 2,5 – 3,0 kg/m³

The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

Packaging:

In 25 kg craft bags, 64 bags in 1 palette (1600 kg/pallet)

Storage:

- Dry mortar bags should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets.
- The torn and opened products should be closed immediately and consumed first.
- Maximum 8 bags should be stocked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

Risk Signs :

R23/24/25 : Poisonous when inhaled, swallowed and contacted with skin.

Security signs:

S2: Keep out of reach of children.

S3: Keep cool.

S9: Keep the package dry.

S26: Rinse with water thoroughly when contacted with eyes and consult a doctor.

S28: Rinse with water thoroughly when contacted with skin and consult a doctor.

S29: Do not throw in the drain.

S36/37/39: Wear suitable protective clothing, protective gloves and glasses / mask during the operation.

BOSTIK is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved.



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