

# Meister DES 20

## Decorative Topcoat 2,0 mm

### Product Description:

Meister DES 20 Decorative Top Coating is a mineral and cement-based, white-colored, 2 mm thick decorative finish coating that contains polymer additives. It can be used indoors and outdoors, and forms a surface ready for painting.

### Areas of applications:

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

### Features:

- Resistant to frost, water, humidity and heavy weather conditions
- Easy to apply
- High adhesion quality; adheres on cement-based surfaces including exposed surfaces
- Air permeable, keeps the humidity ratio stable by allowing vaporization
- Forms a ready surface for painting
- Fireproof

### Technical data:

Dmax (mm)	2
Colour	White
Dry Unit Volume Weight (kg / lt)	1,6 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,8 ± 0,2
Waiting Time in Container (minute)	~ 30
Run Duration (min)	20-25
Drying Time (hour)	~ 24
Compressive Strength (28 days) (N/mm <sup>2</sup> )	≥ 10
Bending Strength (28 days) (N/mm <sup>2</sup> )	≥ 2
Mixture water amount (for 25 kg dry mortar)	5,0 – 5,5 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.
- Exposed concretes should be primed prior to use.
- Using Meister DSA primer is recommended for adherence bridge in very absorbent or polished concrete surfaces.
- Aerated concrete or porous-bricked surfaces should be primed prior to use.
- Application is carried out about 24 hours right after the plaster layer dries.

**Application:**

- Meister DES 20 Decorative Top 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 within 30 minutes.
- Meister DES 20 Decorative Top Coating is applied on the surface with a trowel.
- Before the plaster layer dries, texture is formed by smoothening with a plastic trowel.
- After drying, it is painted with an optional facade paint that does not contain solvent.
- 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:**

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

**Coverage:**

App. 2,5 – 3,0 kg/m<sup>2</sup>

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

**Packaging:**

25 kg craft bag, 64 bags in 1 pallet (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.

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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.



Akçaburgaz Mh. ALKOP Sit. 1575 Sk. C2 Blok No.5-14 Esenyurt 34555 İstanbul  
Tel. (+90 212) 858 01 26 Fax. (+90 212) 858 01 34  
info@bostik.com.tr - www.bostik.com.tr