

CERMITHERM CT700

CEMENT BASED, TEXTURED, TOP COAT EXTERIOR COATING MATERIAL



White



- *Resistant to thermal shocks and humidity*
- *Allows the structure to breathe with vapor permeability*

- *High adhesion strength and performance*
- *No cracking, spilling, blistering*
- *Line and Fine textured product alternatives*

PRODUCT INFORMATION

WHERE TO USE

• It is used as a topcoat coating material on the exterior facades of all buildings and exterior thermal insulation systems.

- **Cermitherm CT700 Fine** ; Fine texture
- **Cermitherm CT700 Lined** ; Lining textured

GENERAL FEATURES

Material Structure : It contains high quality cement, additives that provide elasticity and water impermeability, auxiliary materials and fibers that provide superior adhesion.

Color : White

Density : $1,5 \pm 0,1 \text{ gr/cm}^3$

Mixture Density : $1,8 \pm 0,1 \text{ gr/cm}^3$

TECHNICAL CHARACTERISTICS

Dry Film Thickness (TS EN 1062 - 1): Class E5

Grain size (TS EN 2585): Class S3

Water vapor transfer rate (TS EN ISO 7783 - 2): Class V0

Water transfer rate (TS EN 1062 - 3): Class W0

Carbon Dioxide Permeability (TS EN 1062-6): Class C0

Crack Bridging Capability: Class A0

STANDARDS AND DOCUMENTS

- Tested according to EN 7847 standard.
- Public Works pose no. 10.300.1353

CONSUMPTION

- 2,10-2,3 kg/m² for 1,0-1,5 mm thickness

PACKAGING

- 25 kg kraft bag

STORAGE

- Maximum 10 kraft bags can be stacked on top of each other.
- Moisture-free, dry and protected against external weather conditions should be stocked in warehouses.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.



Exterior Wall



Application with Notched Trowel



Application Temperature



Vertical Use



Freeze Thaw Resistance



Work Duration



Surface Inspection



Homogeneous Mixture



Impact Resistance



Breathing Ability

APPLICATION

APPLICATION PROCEDURE

Application Thickness (For Notching): 1,5-2,0 mm

Application Temperature: (+5 °C) - (+35 °C)

Service Temperature: (-20 °C) - (+80 °C)

Rest Time: 5 minutes

Operating Time: 30 minutes

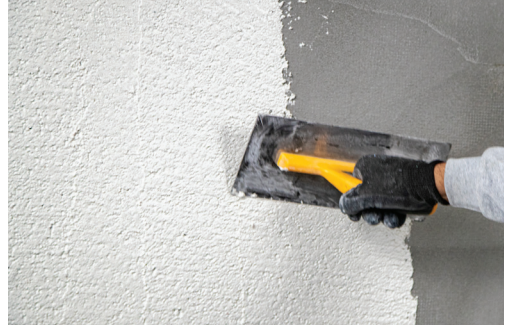
Pot Life: 2 hours

SUBSTRATE PREPARATION

- The floor surface to be applied must be clean, free of dirt, must be free from dust.
- Surface plaster applied on thermal insulation boards must be plugged in.

APPLICATION

- Slowly add 5.25-6.25 liters (%21-25) of clean water to 25 kg of **CERMITHERM CT 700** and mix with a low speed mixer until the mixture is homogeneous and without lumps.
- Allow the mixture to rest for 5 minutes before application and apply after mixing again.
- Apply **CERMITHERM CT 700** to the surface with a stainless steel trowel.
- To obtain a textured texture; it is troweled with a plastic trowel in a circular and homogeneous manner.
- The material applied homogeneously on the application surface should be patterned within 10 minutes.



RECOMMENDATIONS

- After application, the surface should be protected from contact with water for at least 24 hours.
- Do not apply on surfaces that are in danger of frost or overheated, under direct sun and in high winds.
- Do not apply on newly plastered or concrete surfaces before the curing time is completed.
- For textured topcoat application, make sure that the surface is fully set.
- Care should be taken to apply the plaster in the same direction in order to create an extrusion.
- Make sure that the surface is dry before paint application.
- If it rains after **CERMITHERM CT 600** application, **CERMITHERM CT 700** should be applied after waiting for the wet surface to dry.
- Product storage conditions should be complied with and the product should not be stored in damp and waterlogged warehouses.

SAFETY INSTRUCTIONS

- Should not be inhaled as it is cement based. Skin and eyes contact should be avoided.
- Use appropriate work equipment during product application. (gloves, goggles, mask, knee pads, etc.) are recommended is provided.
- For more detailed safety information please refer to Material Read the Safety Data Sheet (MSDS).

Note: Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

CERMIX

CERMIX Produced by Koramic Yapı Kimyasalları under license of Cermix SA. www.cermix.com.tr * www.koramic.com.tr

Head Office
Koramic Yapı Kimyasalları San. Tic. A.Ş.
E-5 Karayolu Üzeri, Sıfı Mah. Hükümet Cad.
Tuzla 34941 İstanbul / TÜRKİYE
Phone: +90.216.423 34 33 • Fax: +90.216.423 53 63

Bozüyük Factory
Bozüyük Organize San. Böl. 10. Cad.
106 Ada / 5 Parsel No: 3 Bozüyük - BİLEÇİK / TÜRKİYE
Phone: +90.228.314 63 00
Fax: +90.228.314 63 0

Tarsus Factory
Huzurkent Tarsus Organize Sanayi Bölgesi
13. Cadde No: 10 Tarsus - MERSİN / TÜRKİYE
Phone: +90.324.676 40 41-676 42 32-676 44 49
Fax: +90.324.676 40 47