

# CERMIFINE

## CEMENT BASED, THIN FILLED, SATIN LOOKING PLASTER AND SURFACE SMOOTHING PUTTY



White



Grey



- *Thin filled, satin looking plaster*
- *High adhesion performance*
- *Ideal for surface preparation before painting*

- *Non-shrinking and non-cracking*
- *Resistant to outdoor conditions*

## PRODUCT INFORMATION

### WHERE TO USE

- On the interior and exterior of buildings
- Creating a smooth surface before applying paint, decorative plaster, etc.
- Filling of hairline cracks

### GENERAL FEATURES

<b>Chemical Structure</b>	: High quality cement, special additives and fillings.
<b>Type</b>	: Powder
<b>Dry Density</b>	: $1,00 \pm 0,1 \text{ gr/cm}^3$
<b>Mortar Density</b>	: $1,70 \pm 0,1 \text{ gr/cm}^3$
<b>Grain Size</b>	: $\leq 400 \mu\text{m}$
<b>Colour</b>	: White, Grey

### TECHNICAL CHARACTERISTICS

<b>Compressive Strength</b>	: $>10 \text{ N/mm}^2$ (28 days later) (TS EN 12190)
<b>Tensile Adhesion Strength</b>	: $>0,8 \text{ N/mm}^2$ (28 days later)

28 days (at 23 °C and RH 60%)

(\*)These values are obtained as a result of laboratory experiments and are the performance values of the finished applications after 28 days. These values may change depending on site conditions.

### STANDARDS AND DOCUMENTS

- EN 1504-3
- CE
- Public works pos no 1003002071

### PACKAGING

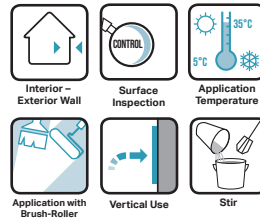
- 20 kg kraft bags (60 pieces on a pallet / 1200 kg)

### CONSUMPTION

- Approximately 1-1,2 kg/m<sup>2</sup> (1 mm thickness)

### STORAGE

- Maximum 10 kraft bags can be stacked on top of each other.
- It should be stored in a moisture-free and dry warehouse which is -well-protected against atmospheric conditions weather conditions.
- Shelf life is 1 year under proper storage conditions.
- Opened packages should be kept tightly closed.



## APPLICATION

### APPLICATION PROCEDURE

**Mixing ratio:** 7.6 - 8.4 lt water for 20 kg bag  
**Application thickness :** 0-3 mm  
**Application temperature :** +5 °C ; +35 °C  
**Pot Life:** 30 minutes (23 °C)

### SUBSTRATE PREPARATION

- Application surfaces must be free from dust, dirt, oil, etc. and dry, smooth and sound.
- Surfaces with high absorbency should be primed with **CERMIFILM** prior to application.
- Glossy surfaces such as ceramic, exposed concrete etc. should be primed with **CERMIFILM PLUS** prior to application
- The surfaces exposed to direct sunlight and dry substrates must be cooled by damping.

### APPLICATION

- 20 kg bag of material should be slowly poured into a container containing 7.6 - 8.4 liters of clean water (38-42%) and mixed with a low-speed (400 rpm) hand mixer for 3-4 minutes until it reaches a homogeneous consistency.
- The mortar should be rested for 2-3 minutes and then mixed again before application.
- Spread **CERMIFINE** evenly on the surface by using a steel trowel with a peeling move.
- 20-30 minutes after application (when the plaster completes its initial set and the surface gets dry), the plaster surface can be smoothed by using a plain steel trowel or with a damp sponge.
- While applying during windy, sunny, hot and dry weathers, damping the smoothed surface once in 2-3 hours will prevent any cracks caused by sudden setting.
- After application, the surface should be kept continuously moist or cured by appropriate methods (e.g., using CermiCure Curing Material) to prevent the loss of the necessary water within the product due to external factors, ensuring proper hydration and strength development.



### RECOMMENDATIONS

- Do not apply it on frost hazardous or overheated surfaces, under direct sunlight and in windy weather.
- If petrification is detected after opening the bags, the product should not be used.
- The product should be used within the life of the container after mixing.
- No foreign materials such as lime, cement or gypsum should be added into the mortar.
- Amount of water indicated on the bag should be observed.
- Do not apply on unsound surfaces.
- Protect the applied surfaces against direct sunlight, rain and frost for at least 24 hours.
- Do not apply on new plastered or concrete surfaces before the curing time is completed.

### SAFETY INSTRUCTIONS

- As it is cement based, do not inhale and avoid of its contact with skin and eyes.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material 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](http://www.cermix.com.tr) \* [www.koramic.com.tr](http://www.koramic.com.tr)

Genel Merkez  
 Koramic Yapı Kimyasalları San. Tic. A.Ş.  
 E-5 Karayolu Üzeri, Şifa Mah. Hükümet Cad.  
 Tuzla 34941 İstanbul / TÜRKİYE  
 Tel: +90.216.423 34 33 • Faks: +90.216.423 53 63

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

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