

# CERMIPRIME EPR 2C

## EPOXY RESIN BASED, TWO COMPONENT, TRANSPARENT PRIMER



Transparent

- High adhesion strength
- Low viscosity
- High penetration

- Physical and chemical resistant
- Solvent free



## PRODUCT INFORMATION

### WHERE TO USE

- Before epoxy and polyurethane floor coverings,
- On cement based mineral surfaces,
- To fill the pores of the concrete surface,
- Concrete reinforced floors repair and used in strengthening applications.

### GENERAL FEATURES

<b>Material Structure</b>	: Contains epoxy resin.
<b>Appearance</b>	: Transparent
<b>Density</b>	: $1.08 \pm 0.02 \text{ g/cm}^3$
<b>Viscosity (25 °C)</b>	: 600-1200 mPas
<b>Solids Content by Weight</b>	: ~100 %
<b>Solids Content by Volume</b>	: ~100 %

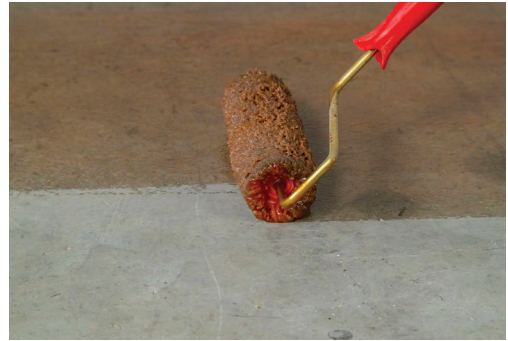
### TECHNICAL CHARACTERISTICS

<b>Tensile bond strength</b>	: >1.5 N/mm <sup>2</sup> (adhesion to concrete) (EN 1504-2)
<b>Abrasion resistance</b>	: < 3000 mg (EN 1504 - 2 / EN ISO 5470-1)
<b>Capillary water absorption and water permeability</b>	: < 0.1 kg/m <sup>2</sup> .h <sup>0.5</sup>
<b>Resistance to impact</b>	: Class I (EN ISO 6272-1)
<b>Teber wear</b>	: 100 (EN 1504-2)

(\*) These values are obtained as a result of laboratory tests and are the performance values of the finished applications 7 days later. Values may vary due to differences in the construction site environment.

### STANDARDS AND DOCUMENTS

- Meets the requirements of -EN 1504-2.



### CONSUMPTION

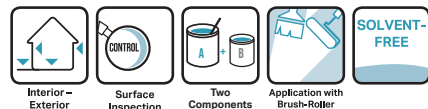
- Approximately 0.150-0.300 kg/m<sup>2</sup> depending on concrete quality, surface absorbency and roughness. Depending on the system solutions, primer usage and consumption may vary.

### PACKAGING

- 14.8 kg metal bucket (10 kg + 4.8 kg)

### STORAGE

- 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.



## APPLICATION

### APPLICATION PROCEDURE

**Pot life:** 45  $\pm$  5 min.

**Application temperature:** +5  $^{\circ}$ C to +30  $^{\circ}$ C

**Waiting time between coats:** 10-24 Hours

**Pedestrian traffic:** min 24 hours

**Final curing:** 7 days

### SUBSTRATE PREPARATION

- Surfaces must be cured, sound, clean, dust-free, free of mold oils and other foreign materials.
- Surface repairs: Joints, hairline cracks should be widened, pits should be cleaned and filled with epoxy mortar.

### APPLICATION

- Component A, in its own packaging, should be homogenized with a low speed drill for about 1 minute and then component B should be added and mixed with a low speed drill for about 3 minutes.
- Used when the moisture content of the concrete is maximum 5% when measured with the CM Moisture Meter (carbide method).
- The concrete surface must be clean, sound and have sufficient compressive strength (at least 25N/mm<sup>2</sup>) and tensile strength (pull off) must be at least 1,5 N/mm<sup>2</sup>.
- On absorbent surfaces, 2nd coat primer should be applied after 6 hours.



### RECOMMENDATIONS

- The product should be used within the life of the container after mixing.
- Products that have reached the end of their container life during application should never be used.
- No foreign material such as lime, cement, gypsum should be added to the prepared mortar.
- Do not apply on unsound surfaces.
- During and after application, the surface should be protected from air currents and contact with water should be prevented.
- Within 24 hours, it should not be applied on surfaces that are in danger of frost, frozen or thawing.
- Do not apply on plastered and concrete surfaces that have not taken the premium before the curing period is completed.
- Application should not be made on hot surfaces exposed to extreme wind or direct sunlight, if application in these environments is mandatory, the environment and surface should be prepared for application before starting.

### SAFETY INSTRUCTIONS

- Do not inhale, avoid contact with skin and eyes.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during product application.
- For more detailed information read the Product Safety Data Sheet (MSDS).

**Note:** Technical values and application instructions are valid under ambient temperature of 23 $^{\circ}$ 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**

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