

# CERMIREP EP 2C T

EPOXY-BASED 2-COMPONENT, SOLVENT-FREE, STRUCTURAL REPAIR, ANCHORING MORTAR AND ADHESIVE



Cream

- Vertical and overhead with its thixotropic structure ideal for applications
- High adhesion strength,
- Hardens without shrinkage,
- High initial and final strength
- High abrasion resistance,
- Easy application
- Good abrasion resistance
- Chemical resistance

## PRODUCT INFORMATION

### WHERE TO USE

- Structural concrete repairs, filling holes and gaps
- Anchoring and assembly works
- Bonding dilatation and insulation tapes
- Applicable to many different surfaces such as concrete, steel, wood, metal, polyester etc.

### GENERAL FEATURES

<b>Chemical Structure</b>	: Epoxy resin
<b>Density</b>	: $1.8 \pm 0.02 \text{ g/cm}^3$ (mix) (+20 °C)
<b>Colour</b>	: Cream (mix. A+B)

### TECHNICAL CHARACTERISTICS

<b>Adhesion Strength</b>	: Concrete $>3 \text{ MPa}$ Steel $>3,5 \text{ MPa}$
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(\*)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

-CE  
-EN 1504-3

### PACKAGING

- 6 kg (A+B) Prebatched unit, 4,5 kg +1,5 kg in a metal buckets

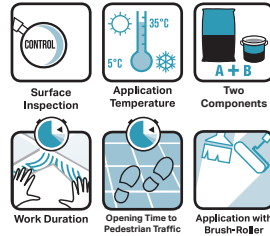
(\*) Component quantities may vary according to production conditions.

### CONSUMPTION

- Approximately 1,7-2 kg/m<sup>2</sup> ( 1 mm thickness )

### STORAGE

- It should be stored in a moisture-free and dry warehouse which is well-protected against atmospheric conditions.
- Shelf life is 1 year under proper storage conditions.
- Opened packages should be kept tightly closed.



## APPLICATION

### APPLICATION PROCEDURE

- Mixing ratio:** A comp. : B comp. / 3 : 1  
**Ambient Temperature:** +5 °C min. / +35 °C max.  
**Pot life :** 35- 45 minutes  
**Material Temperature:** +10 °C and +30 °C.  
**Layer Thickness:** 30 mm max.  
**Set time (for light pedestrian traffic):** Min. 18 hour  
**Full curing time:** 7 days (23 °C, 50% Relative humidity)

### SUBSTRATE PREPARATION

- Application surfaces must be free from dust, dirt, oil, etc. and dry, smooth and sound.
- CERMIPRIME EPR 2C** primer should be applied on other surfaces such as polyester, epoxy, glass, ceramic, etc. before **CERMIREP EP 2C T** application.

### APPLICATION

- A and B components are mixed by paying attention to the mixing ratios 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.
- CERMIREP EP 2C T** can be applied to all surfaces to be repaired using a steel trowel.



### 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.
- 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

- 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**

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