



CONSTRUCTION CHEMICALS TECHNOLOGIES

## VIMACRET POWER-TH

### Thixotropic repairing high strength mortar

#### Properties

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**VIMACRET POWER-TH** is a premixed resin improved and fiber reinforced cement mortar

Offers

- Nearly zero shrinkage setting
- Excellent adhesion to substrate
- High mechanical strengths

#### Applications

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**VIMACRET POWER-TH** is indicated for restoration repairs of concrete elements relating to durability. Apply with trowel or spatula in thickness up to 4 cm per layer.

#### Technical characteristics

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Form: grey mortar in powder form

Grain size:  $d_{max} = 2,5$  mm

Mixing water (percentage in dry mortar): 17-18%

Material return: 0,56 L/ kg dry mortar

Mechanical strengths

Compressive strength in 28 days: > 45 Mpa

Flexural strength in 28 days: 8 Mpa

#### Substrate preparation

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The substrate must be solid and free of dust, unsound materials, loose parts.  
Before using **VIMACRET POWER-TH** substrate must be thoroughly dampened.



## How to use

**VIMACRET POWER-TH** is gradually added to water and mixed until the mixture obtains the desired homogeneity and workability (tight mass).

Every bag of **VIMACRET POWER-TH** takes about 4,0-4,5 kg water. Pot life of fresh mortar is about 45 minutes. When hardening starts, you may not add water again in order to soften the mortar.

**Caution!** In extreme heat the fresh mortar must be wetted to be protected from rapid dehydration.

## Consumption

To fill a volume of 1 L with fresh mortar it takes about 1,8 kg dry mortar **VIMACRET POWER-TH**.

## Specific Information

<b>Tool cleaning</b>	Tools should be cleaned with water immediately after use, before the mixture dries.
<b>Storage</b>	Storage of the material should be done in a dry environment and in sealed bags for a period of at least 12 months.
<b>Packaging</b>	<b>VIMACRET POWER-TH</b> is available in 25 kg bags
<b>Protection</b>	The product contains cement and is considered irritating due to its alkaline reaction with water.