

**RUST-OLEUM**<sup>®</sup>  
— INDUSTRIAL —



## 5180 EPOXY REPAIR MORTAR

# Shrink-free durable epoxy mortar

- Stands up to heavy traffic and many chemicals
- Does not shrink or crack
- For repairing eroded or damaged concrete, bay edges and broken steps
- Easy all-in-1 packaging
- For interior and exterior use

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# 5180 EPOXY REPAIR MORTAR

## ОПИСАНИЕ

Very strong epoxy repair mortar for repairing damaged floors and steps.

## ПРЕПОРЪЧИТЕЛНА УПОТРЕБА

For repair of damaged, dished or dangerous concrete or stone floors or stairs. Provides a permanent repair to badly cracked and worn concrete and stone floors - will fill holes of any shape or size, gaps, nosings, cracks etc - may be feather edged.

## ТЕХНИЧЕСКИ ДАННИ

Плътност (г/см<sup>3</sup>): 1,7  
Съдържание на сухо вещество (по тегло): 100%  
Съдържание на сухо вещество (по обем): 100%  
group\_repair\_30\_compressive\_strength: 15,4 MN/m<sup>2</sup>  
group\_repair\_10\_tensile\_strength: 15,4 MN/m<sup>2</sup>  
group\_repair\_20\_flexural\_strength: 5,9 MN/m<sup>2</sup>

## ВРЕМЕ ЗА СУШЕНЕ ДО 20° C/RH 50%

Сух на допир: 3-6 hours  
group\_dry\_40\_full\_cure: 6- 12 hours  
2k\_pot\_life: 30 minutes

## МОКЪР СЛОЙ

5 - 50 mm

## СУХ СЛОЙ

5 - 50 mm

## РАЗХОДНА НОРМА

1,2 m<sup>2</sup> at 5 mm thickness per 10 kg.

## КОНСУМАЦИЯ

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

## ПОДГОТОВКА НА ПОВЪРХНОСТТА

Concrete and stone surfaces should be dry and free from previous coatings, contaminants and loose material and at least four weeks old. Very smooth concrete or concrete with soft laitance should be etched with Surfa-Etch 108. Grease or oil should be removed with ND14 and the area thoroughly washed off and allowed to become completely dry.

It is recommended to prime the area to be repaired with 5401 Impregnation Primer before applying the repair mortar. Allow the 5401 to flash off for approximately 30 – 60 minutes before applying the repair mortar.

## НАЧИН НА УПОТРЕБА

The pack contains a granular resinous material and one or more bottles (depending on the packaging size) of curing agent. Mix the granular resinous material with the curing agent on a board. It is important that mixing should be carried out very thoroughly. The ratio of resin to curing agent is critical and the mixing of part packs is not recommended.

## УСЛОВИЯ ЗА НАНАСЯНЕ

Temperature of material, air and substrate between 10 and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point.

## GROUP\_APPL\_THINNING\_50\_RAKE\_TROWEL

Trowel vigorously over the prepared surface. Final levelling should be carried out with a steel float. To prevent 'drag' it is advisable to wipe the blade of the tool frequently with a rag moistened (but not saturated) with white spirit. The working life of the mixed product is half to one hour depending on temperature. If the product is used past its working life, trowelling will become difficult and adhesion reduced.

## ПОЧИСТВАНЕ НА ОБОРУДВАНЕ И РАЗЛИВИ

Rust-Oleum Thinner 160

## ЗАБЕЛЕЖКИ

Product can be applied from feather-edge to 50 mm depth (full strength is achieved at 5 mm). Build up layers of 5180 if the depth is significantly greater than 50 mm or use 5190 Deep Fill Repair Mortar. Applying the product directly in a too high film thickness can reduce the performance of the cured material. Curing time will be extended by low temperatures. Temperatures of 10°C and below will arrest the curing of the product. When fully cured, detergents and degreasers may be used to clean the surface. Do not steam clean or subject to temperatures in excess of 60 °C.

## ДАНИИ ЗА БЕЗОПАСНОСТ

Ниво на ЛОС: 0 g/l  
grenelle: c  
Забележки относно безопасността: Consult Safety Data Sheet and Safety Information printed on the can. Food products must be removed from the area during application and cure. Please dispose of container with care and in accordance with current regulations.

## СРОК НА ГОДНОСТ

Minimum of 2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C. If stored for long periods, the resin/filler material should be thoroughly mixed prior to addition of the bottles of curing agent.

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**Rust-Oleum Netherlands B.V.**  
Europalaan 9  
5232 BC 's-Hertogenbosch  
The Netherlands  
T: +31 (0) 165 593 636  
F: +31 (0) 165 593 600  
[info@rust-oleum.eu](mailto:info@rust-oleum.eu)

**Tor Coatings Ltd (Rust-Oleum Industrial)**  
Shadon Way, Portobello Ind. Estate  
Birtley, Chester-le-Street  
DH3 2RE United Kingdom  
T: +44 (0)1914 113 146  
F: +44 (0)1914 113 147  
[info@rust-oleum.eu](mailto:info@rust-oleum.eu)

**Rust-Oleum France S.A.S.**  
38, av. du Gros Chêne  
95322 Herblay  
France  
T: +33(0) 130 40 00 44  
F: +33(0) 130 40 99 80  
[info@rust-oleum.eu](mailto:info@rust-oleum.eu)

**N.V. Martin Mathys S.A.**  
Kolenbergstraat 23  
3545 Zelem  
Belgium  
T: +32 (0) 13 460 200  
F: +32 (0) 13 460 201  
[info@rust-oleum.eu](mailto:info@rust-oleum.eu)