



# New Guard Coatings Group

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[www.newguardcoatings.com](http://www.newguardcoatings.com)

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



## 5190 EPOXY REPAIR MORTAR DEEP FILL

# Cost effective mortar for large repairs

- Economical repair of deep or large holes in concrete floors
- Does not shrink or crack
- Easy all-in-1 packaging
- For interior and exterior use
- Contains no solvents



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# 5190 EPOXY REPAIR MORTAR DEEP FILL

## DESCRIPTION

Very strong epoxy repair mortar for quick and economical repair of deep holes in concrete floors.

## RECOMMENDED USE

For economical repair of deep holes of 15 – 100 mm.

## TECHNICAL DATA

Density (g/cm<sup>3</sup>): 2,36  
Solids content in volume: 82%  
Compressive Strength: 15,4 MN/m<sup>2</sup>

## DRY TIMES BY 20° C/RV 50%

Dry to recoat: 6 - 12hours  
Fully cured: 12 hours  
Pot Life: 30 minutes

## RECOMMENDED WET FILM THICKNESS

15 - 100 mm

## RECOMMENDED DRY FILM THICKNESS

15 - 100 mm

## THEORETICAL CONSUMPTION

0,5 m<sup>2</sup> per 25 kg at 3 cm depth.

## PRACTICAL CONSUMPTION

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

## SURFACE PREPARATION

Concrete 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 abraded to provide a physical profile. Grease or oil should be removed with ND14 and the area thoroughly washed off and allowed to become completely dry.

## DIRECTIONS FOR USE

The pack contains a granular resinous material and one bottle 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.

## APPLICATION CONDITIONS

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.

## APPLICATION & THINNING: RAKE/TROWEL

The mortar should be troweled firmly against the substrate. It should be overlaid with Epoxy Repair Mortar 5180 in very heavy wear areas or where the thickness of the repair is less than 15 mm. The Deep Fill mortar has a textured surface and should be overlaid with Epoxy Repair Mortar 5180 if a smoother surface is required. The working life of the mixed product is half to one hour depending on temperature. If the product is used past its working life, troweling will become difficult and adhesion reduced.

## CLEANING OF EQUIPMENT / SPILLS

Rust-Oleum Thinner 160.

## REMARKS

Curing time will be extended by low temperatures. Temperatures of 10°C and below will arrest the curing of the product.

## SAFETY DATA

VOC level: 0 g/l  
Grenelle: C  
Remarks regarding safety: Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

1 Year 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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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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