

**RUST-OLEUM®**  
INDUSTRIAL



## 5412 EPOXY REPAIR PUTTY



# Repair putty for pinholes or tiny cracks

- Extremely strong: 3x stronger than concrete
- Solvent-free and shrink-free
- Easy 1:1 mixing ratio
- Low odour
- For indoor and outdoor use

**KNOW-HOW TO PROTECT™**

**WWW.RUST-OLEUM.EU**

# 5412 EPOXY REPAIR PUTTY

## DESCRIPTION

Solvent free, two component epoxy putty for repair of small cracks, air-pockets and/or blow-holes in concrete walls, ceilings or floors.

## RECOMMENDED USE

5412 should be used for repair of small cracks, air-pockets and/or blow-holes in concrete walls and floors and is applied with a filling knife or a trowel. Can be applied directly on horizontal and vertical areas. Very porous substrates are to be primed with RUST-OLEUM 5401 Impregnation primer. Can be recoated with 9100, 5500, 9400, Pegakote etc.

## TECHNICAL DATA

Density: 1.45  
Solids content in volume: 100 %  
Solids Content in weight: 100 %  
Compressive Strength: 75 MN/m<sup>2</sup>  
Mixing Ratio: 1 : 1 (Volume)

## DRYING TIMES AT 20°C/RH 50%

Touch dry: 4 h (20°C), 8 h (10°C), 3 h (30°C)  
Dry to handle: 16 h (20°C), 36 h (10°C), 12 h (30°C)  
Dry to recoat: 16 h (20°C), 36 h (10°C), 12 h (30°C)  
Fully cured: 7 days (20°C), 14 days (10°C), 5 days (30°C)  
Pot Life: 30 minutes for a 1 kg. mix at 20 °C

## RECOMMENDED WET FILM THICKNESS

0.2 - 3mm

## RECOMMENDED DRY FILM THICKNESS

0.2 - 3mm

## THEORETICAL CONSUMPTION

1.5 kg/m<sup>2</sup> per 1 mm thickness.

## PRACTICAL CONSUMPTION

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

## SURFACE PREPARATION

Remove oil, grease and all other surface contaminations by alkaline or high pressure (steam) cleaning. Remove loose and unsound concrete until a sound surface is obtained. New concrete or masonry should dry and cure for at least 30 days before applying 5412 or a coating system. The surface should be clean and dry during application.

## DIRECTIONS FOR USE

Mix base and activator carefully with a filling knife, preferably not in the can but on a flat substrate alike a piece of hardboard.

## APPLICATION CONDITIONS

Temperature of 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

Apply a slight over-amount of the Epoxy Putty with a filling knife or trowel; after drying reshape the surface by abrading the excessive amount. Do not add any thinner to the product.

## CLEANING OF EQUIPMENT / SPILLS

RUST-OLEUM Thinner 160.

## REMARKS

Maximum thickness (vertical): 3 mm. Expansion joints or dynamic cracks should be filled with a flexible sealant (5160). Epoxy Putty 5412 should always be sanded/abraded before recoating.

## 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

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.

Date issued: 25/04/2018

**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.

**Disclaimer :** The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Rust-Oleum Europe be liable for consequential or incidental damages. Products must be stored, handled, and applied under conditions complying with Rust-Oleum Europe recommendations detailed within the latest copy of the product data sheet. It is the users responsibility to ensure that they have the current copy. Latest copies of the product data sheet is available for free and downloadable from [www.rust-oleum.eu](http://www.rust-oleum.eu) or upon a request to our Customer Services department. Rust-Oleum Europe reserves the right to change the properties of its' products without prior notification.

**Rust-Oleum Netherlands B.V.**  
Zilverenberg 16  
5234 GM 's-Hertogenbosch  
The Netherlands  
T : +31 (0) 165 593 636  
F : +31 (0) 165 593 600  
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

**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

**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