

**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

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# 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 (g/cm³):	1.45
Gloss Level:	Matt
Solids Content in weight:	100%
Solids content in volume:	100%
Heat Resistance:	120°C (dry heat)
Compressive Strength:	75 MN/m²
Mixing Ratio:	1 : 1 (Volume)

## DRY TIMES BY 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/m² 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
VOC readymix:	490 g/l
VOC category:	A/i
VOC limit:	424 g/l
Grenelle:	C
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

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.

Date issued: 20/03/2025

**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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