

PRODUCT DATA

EPOXY PUTTY FOR CONCRETE REPAIR 5412

DESCRIPTION

RUST-OLEUM Epoxy Putty for Concrete Repair 5412 is a solvent free, two-component epoxy material.

RECOMMENDED USES

RUST-OLEUM 5412 should be used for repair of small cracks, air-pockets and/or blow-holes in concrete walls and floors.

RUST-OLEUM 5412 is applied with a filling knife or a trowel.

RUST-OLEUM 5412 can be applied directly on horizontal and vertical areas. Very porous substrates are to be primed with RUST-OLEUM 5401 Impregnation primer.

RUST-OLEUM 5412 can be recoated with a.o. RUST-OLEUM Self Levelling Mortar Compound 5400 on floors and with RUST-OLEUM Solvent-free High Build Epoxy System 5500 or Rust-Oleum High Performance Epoxy System 9100 on walls and floors.

TECHNICAL DATA

Appearance:	Flat
Colour:	Light grey
Density:	1.45 kg/l (mixed product)
Solids Content:	100% by volume (mixed product)
Viscosity:	N.a.
Recommended film thickness:	> 200 µm dry, equals 200 µm wet
VOC-content:	0 g/l

Drying times	20°C/50% r.h.	10°C/60% r.h.	30°C/50% r.h.
To touch:	4 hours	8 hours	3 hours
Sandable:	16 hours	36 hours	12 hours
To recoat:	After 16 hours.		

Epoxy Putty 5412 should always be sanded/abraded before recoating.

Full hardness	7 days	14 days	5 days
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Coverage

Theoretical: 1.5 kg/m² per 1 mm thickness

Practical: 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 RUST-OLEUM Epoxy Putty for Concrete Repair 5412 or a coating system. The surface should be clean and dry during application.

DIRECTION 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.

Mixing ratio: base : activator = 1 : 1 both by weight and volume

Pot-life: 30 minutes for a 1 kg. mix at 20 °C

APPLICATION & THINNING

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.

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Do not add any thinner to the product.
Clean-up: use RUST-OLEUM Thinner 160

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.

REMARKS

Maximum thickness (vertical): 3 mm.
Expansion joints or dynamic cracks should be filled with a flexible sealant.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

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.

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