



# New Guard Coatings Group

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

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

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

## Technical sheet : RD-Cement Filler

### Description of the product

#### USE:

Mineral powdery and dry mix based on cement, granulates and additives, for the repair of almost all the damage of concrete, stabilized cracks.

Additive for the application of cementings, jointings, repairs on bricks and masonry.

#### FEATURES:

Fast drying - Unshrinkable - Excellent adherence to a well prepared support - Very good watertightness - Excellent mechanical solidity.

#### SUBSTRATES:

New and old masonry - concrete.

### Systems

1 primer coat.

1 top coat.

Can be covered by a non saponifiable system.

Consumption: 2 Kg/m<sup>2</sup>/mm thickness

### Application instructions

#### APPLICATION CONDITIONS:

Ambient temperature: between + 5 and + 30°C – Protect against a too fast drying by humidifying again.

#### APPLICATION MEANS:

Trowel, spatula

Flat brush (for the primer coat)

#### PREPARATION OF THE SUBSTRATE:

Eliminate the non adherent parts until obtaining a healthy and clean support.

Remove rust from the metallic reinforcements mechanically or manually.

Cover the damaged parts and irons by a thick coat of RD-ELASTOMETAL.

#### DILUTION:

Product is ready-for-use.

#### APPLICATION TIME:

30 minutes

**MIX AND APPLICATION:**

Prepare the dry product with water until obtaining a thick, homogeneous mortar ( $\pm 10\%$  of water). After a careful mixing, let the mortar rest during 5 minutes (reaction). Mix again carefully. Easy to apply.

For more important repairs (+ 5 cm of depth), apply, with a flat brush, a primer coat of prepared RD-CEMENT FILLER. This mixture can also be used to fill small holes or bubbles of air in the concrete.

For more important repairs, one can add a filler material to RD-CEMENT FILLER (max. 30%), for ex. white sand, sand of the Rhine, without impurities (grain 0 - 3 mm).

**DRYING TIME (20°C - 68°F):**

Recoatable: after 48 hours (with alcaliresistant paints)

**CLEANING OF TOOLS:**

Water

**SPECIFICITIES:**

Mix well before use.

**Technical data****FINISH (Gardner 60°):**

Dry mix of powder

**COLOURS:**

Grey

**RESISTANCE AGAINST FLEXION:**

$\pm 6,0$  N/mm<sup>2</sup> or MPa

**RESISTANCE AGAINST COMPRESSION:**

$\pm 30$  N/mm<sup>2</sup> or MPa

**VOC CONTENT:**

0 g/L

**FLASH POINT:**

Not flammable

**STORAGE:**

24 months, keep away from frost and store away from heat.

**Safety data**

Information related to hygiene and to safety can be found in the Safety Data Sheet available on request.

These specifications are given for information. Since the manufacturer is not able to check the application of the products, he cannot accept any responsibility for it. This technical data sheet replaces all previous editions.

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