



New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

Rights are reserved to change and update the data without notice.

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

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

Technical sheet : RD-Roof Acryl

Description of the product

USE:

Single-component water-based acrylic paint for the renovation of fiber cement or concrete tiles and slates.

FEATURES:

RD-Roof Acryl is a high-performance roof coating with superior properties:

- Excellent adhesion
- Outstanding outdoor durability
- Remains elastic even at low temperatures
- Bridges cracks
- Allows water vapor diffusion
- Unsaponifiable – alkali resistant
- UV resistant and does not discolor
- Perfect for masking imperfections
- Easy to apply

SUBSTRATES:

Suitable for roofs and tiles made of concrete or fiber cement, also in case of old and weathered tiles.

Systems

RD-Roof Acryl is applied directly to the surface at a rate of approximately 5 m²/L per coat. No primer is needed in most cases.

Typically, two coats are applied. The first coat should be diluted with 10% water.

For old and very porous tiles, we recommend impregnating the substrate with RD-Unifix.

The indicated consumption is theoretical and does not account for potential losses during application. It can also be influenced by the porosity of the substrate.

Application instructions

APPLICATION CONDITIONS:

Avoid applying under direct, intense sunlight.

Ambient temperature: > 5°C

Relative Humidity: max. 80%

APPLICATION METHODS:

Brush, roller, or airless spray (nozzle: 013-015)

SUBSTRATE PREPARATION:

The substrate must be degreased, dry, brushed, and free of moss.

Mosses must be destroyed down to the roots.

DILUTION:

The product is ready for use.

DRYING TIME (20°C - 68°F):

Touch dry: 1 hour
Recoatible: 2 hours

Under dry and mild conditions, it is possible to apply 2 coats in one day.

CLEANING OF TOOLS:

Clean with water.

CONSUMPTION:

Approximately 5 m²/L per coat, depending on the porosity of the substrate.

SPECIFIC INSTRUCTIONS:

Mix well before use.

Technical data

FINISH:

Satin (+/- 10% gloss)

COLOURS:

902 Dark brown, 903 Anthracite grey, 905 Black, R14/01 Slate grey, R14/03 Tile red, R14/04 Red brown, R14/18 Blue black.
Other colours possible on demand.

DENSITY:

1.34 +/- 0.05 g/cm³

SOLIDS CONTENT:

In weight: 65 % +/- 2
In volume: 54 % +/- 2

VISCOSITY:

80 - 100 P (Brookfield 20RPM)

VOC CONTENT:

< 45 g/L

FLASH POINT:

Not flammable

STORAGE:

Minimum 24 months protected from frost and excessive temperatures in its original closed packaging.

Norms and tests



ISO 16000-6 / VOC Classification in France

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.

VERS. R021/240619