

New Guard Coatings Group

A global reputation to protect.

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RUST-OLEUM®
INDUSTRIAL



DACFILL®

Durable waterproofing for sloped roofs

- For many sloped (min. 5%) roof types: bitumen, cementitious, asphalt, plastics
- 100% watertight high build coating
- Resistant to UV radiation, acid rain, heat, frost and pollution
- Approved for asbestos encapsulating
- Safe and easy to use

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

DESCRIPTION

Watertight water-based liquid membrane for roofs. Forms a lasting elastic coat without joint or seams on sloping roofs.

RECOMMENDED USE

Waterproofing system for roofs, chimney slabs, etc. with a slope of 5% minimum. It builds an abrasion resistant rubberlike coat without joints or seams, which is hardly flammable and self-extinguishing. Additionally it can be reinforced mechanically with Dacfill-fleece.

TECHNICAL DATA

| | |
|---------------------------|------|
| Density: | 1,5 |
| Gloss Level: | Matt |
| Solids content in volume: | 60 % |
| Solids Content in weight: | 73 % |

DRYING TIMES AT 20°C/RH 50%

| | |
|----------------|----------|
| Touch dry: | 2 hours |
| Dry to handle: | 6 hours |
| Dry to recoat: | 24 hours |
| Fully cured: | 1 week |

RECOMMENDED WET FILM THICKNESS

1000 micron (cons.: 1,5 kg/m²)

RECOMMENDED DRY FILM THICKNESS

600 micron (cons.: 1,5 kg/m²)

THEORETICAL CONSUMPTION

1. Consumption per coat: 0,6 - 1,5 kg/m² (dependent of the substrate)
2. Steep roofs (without fleece): 1,3 - 2,5 kg/m²
3. Roofs with a little slope (with fleece): 2,5 - 3 kg/m² (water stagnation)

PRACTICAL CONSUMPTION

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

SURFACE PREPARATION

The substrate must be well clean and dry, free from flakes, gravel, dust and dirt. Fill up joints with Elastofill, bridge active cracks with "Dacfill bridging fleece" and apply one of the following priming coats:

- On porous concrete, hard PVC and polyester : Primer 44 HS
- On very smooth concrete: Noxyde diluted with 25% water
- On iron and steel: undiluted Noxyde
- Asphalt/bituminous: Parafix

Roofing or bituminous materials over 1 year old can be coated directly with Dacfill. Zinc, galvanised steel, copper, lead and aluminium can be recoated with Dacfill, if required, after degreasing and slight sanding.

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Drying weather: enough air ventilation (light breeze) or sunny conditions. Minimum Temperature: 5°C. Max. Relative humidity: 80%.

APPLICATION & THINNING: BRUSH

Use a square brush. If necessary dilute with water.

APPLICATION & THINNING: ROLLER

Use a roller with long hairs (long nap). If necessary dilute with water.

APPLICATION & THINNING: AIRLESS SPRAY

Nozzle: 18 - 23 / Pressure: 220 bars.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Not recommended.

CLEANING OF EQUIPMENT / SPILLS

Water.

REMARKS

The use of the Dacfill-fleece is necessary for every roof with a slope < 5%, in case of water stagnation and when movements of the substrates can be expected or can be feared (for more information about the application of the Dacfill-fleece, please consult our Technical Service). For applications where permanent stagnating water is to be feared or when the Dacfill coat has to be protected against pollution (e.g. Dacfill white), it is recommended to protect the Dacfill with a coat of Coating PRT (ca. 100 g/m²). This system is not designed for immersion purpose; in case of application in gutters, a minimum slope for rainwater evacuation must be respected. Do not apply on tar, soft PVC or bituminous materials < 1 year.

Shore hardness A: 70 (ASTM D 2240)

SAFETY DATA

| | |
|---------------------------|--|
| VOC level: | 5 g/l |
| VOC readymix: | 5 g/l |
| VOC category: | A/i |
| VOC limit: | 140 g/l |
| Grenelle: | Exterior |
| Flashpoint: | Not flammable |
| 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: 10/12/2018

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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