

PRODUCT DATA

DACFILL

DESCRIPTION

Waterproofing product based on waterdispersed acrylic resins.

MAIN PROPERTIES

Elastic - 100 % waterproof - vapour permeable - excellent resistance against extreme variations in temperature, atmospheric pollution and UV-rays. 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.

RECOMMENDED USES

Waterproofing system for roofs, chimney slabs, etc. with a slope of 1% minimum.

TECHNICAL DATA

Appearance:	Matt (gloss 60°: ± 8%)
Colour:	Pearl grey - red - terracotta - green - black - white (see colour chart)
Density:	1,49 - 1,55 g/cm ³
Solids Content:	In volume: 57 - 60% In weight: 71 - 74%
Recommended film thickness:	Wet film: ± 1000 micron (cons.: 1,5 kg/m ²) Dry film: ± 600 micron (cons.: 1,5 kg/m ²)
Flashpoint:	Not flammable
Shore hardness A:	70 (ASTM D 2240)
VOC-content:	5 g/l max.
Ready-for-use mixture:	5 g/l max.
Category:	A/i
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times 20°C/50% r.h.

To touch: 2 hours

To handle: 6 hours

To recoat: 24 hours

Full hardness: ± 1 week

Coverage

Theoretical: 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: 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.

Rust-Oleum Netherlands B.V.
Braak 1, 4704 RJ
P.O. Box 138, 4700 AC
Roosendaal, The Netherlands
T +31 (0)165 593 636
F +31 (0)165 593 600
info@rust-oleum.eu
www.rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Halen, Belgium
T +32 (0)13 460 200
F +32 (0)13 460 201
info.be@ro-m.com
www.ro-m.com

Rust-Oleum France S.A.S
11, Rue Jules Verne, B.P. 60039
95322 St-Leu-la-Forêt Cedex
France
T +33 (0)1 30 40 00 44
F +33 (0)1 30 40 99 80
info.fr@ro-m.com
www.ro-m.com

Rust-Oleum UK Ltd.
Rotterdam House
116 Quayside
Newcastle
NE1 3DY
United Kingdom
T +44 (0)2476 717 329
F +44 (0)2476 718 930
info@rust-oleum.eu
www.rust-oleum.eu

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DIRECTION FOR USE

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

APPLICATION & THINNING

Brush: Use a square brush. If necessary dilute with water.

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

Air-atomised spray: Not recommended.

Airless spray: Nozzle: 18 - 23 / Pressure: 220 bars

Cleanup: Water

APPLICATION CONDITIONS

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

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 New with a coat of Coating PRT ($\pm 100 \text{ g/m}^2$). 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.

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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