

DAKFILL

NEW

TECHNICAL DATA SHEET

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► DESCRIPTION

Waterproofing product based on waterdispersed acrylic resins.

► APPLICATION

Waterproofing system for roofs, chimney slabs, ...

► FEATURES

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 Dakfill-fleece.

► TECHNICAL DATA

Binder	:	plastified styrene acrylic resins
Finish	:	matt
Gloss (60°)	:	± 8
Colour (s)	:	pearl grey - red - terracotta - green - black - white (see colour chart)
Solids content (ASTM, D1644/a)	:	in volume : 57 - 60 % in weight : 71 - 74 %
Density (ASTM, D1475, 20°C)	:	1,49 - 1,55 g/cm ³
VOC-content (Volatile Organic Compounds)	:	0 g/l
Consumption	:	1. Consumption per coat : 0,6 - 1,5 kg/m ² (dependent of the substrate). 2. Steep roofs (without fleece) : 1,3 - 2,5 kg/m ² . 3. Roofs with a little slope (with fleece) : 2,5 - 3 kg/m ² (water stagnation).
Thickness wet film	:	± 1000 micron (cons.: 1,5 kg/m ²)
dry film	:	± 600 micron (cons.: 1,5 kg/m ²)
Drying times	:	2 hours
(for t° 20°C)	:	6 hours
(for R.H. 60%)	:	24 hours
* dustfree	:	± 1 week
* rain resistant	:	
* recoatable	:	
* full cure	:	
Flashpoint (DIN53213)	:	not flammable
Miscellaneous items	:	1. Shore hardness A (ASTM D 2240) : 70. 2. Has the technical approval BUTGB. 3. Water vapour permeability : μ = 560.

► INSTRUCTIONS FOR USE

Ambient conditions	:	* Drying weather : enough air ventilation (light breeze) or sunny conditions. * Min. Temperature : 5°C. * Max. Relative humidity : 80 %.
Dilution	:	water
Cleaning tools	:	water
Airless	:	Nozzle : 18 - 23 Pressure : 220 bars
Conventional spray-gun	:	no
Brush	:	yes, square brush
Roller	:	yes, roller with long hairs (long nap)
Particulars	:	* The use of the Dakfill-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 Dakfill-fleece, please consult our Technical Service). * For applications where stagnating water is to be feared or when the Dakfill New coat has to be protected against pollution (e.g. Dakfill New white), it is recommended to protect the Dakfill New with a coat of Coating PRT ($\pm 100 \text{ g/m}^2$). * Do not apply on tar, soft PVC or bituminous materials < 1 year.

► PREPARATION OF THE SUBSTRATE

The substrate must be well clean and dry, free from flakes, gravel, dust and dirt.

Fill up joints with Elastofill, bridge active cracks with "Dakfill bridging fleece" and apply one of the following priming coats :

- on porous concrete, hard PVC and polyester : Primer 44 diluted with 30 % Thinner 22
- on very smooth concrete : Noxyde diluted with 25 % water
- on iron and steel : undiluted Noxyde.

Roofing or bituminous materials over 1 year old can be coated directly with Dakfill New.

Zinc, galvanised steel, copper, lead and aluminium can be recoated with Dakfill New, if required, after degreasing and slight sanding.

► ADDITIONAL INFORMATION

Transport codes	:	ADR-classification : not ADR / UN-code : none
Packing	:	1 - 5 - 25 kg
Storage stability	:	At least 24 months, provided the original tin is properly sealed and kept in a cool, dry and frostfree place.
AFNOR Classification	:	Group II, class 7b2

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"As for the precautions of use, hygiene and safety, please consult our Material Safety Data Sheets - available on request at our Technical Service".