RUST-OLEUM®
INDUSTRIAL

DACFILL® HZ

Durable waterproofing for horizontal roofs

- Quick drying 100% watertight coating
- Resistant to UV radiation, acid rain, heat, frost and pollution
- White colour reflects most sunlight
- Non-flammable and self-extinguishing
- Seamless elastic finish lasts for years

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

DACFILL® HZ

DESCRIPTION
Quick drying watertight water-based liquid membrane for roofs. Forms a lasting elastic coat without joint or seams on horizontal roofs.

RECOMMENDED USE
Waterproofing protection of flat roofs. Also applicable in situations where quick water resistance or recoatability is required. Builds an abrasion resistant rubberlike coat without joints or seams, which is hardly flammable and self-extinguishing.

TECHNICAL DATA

Density (g/cm³):	1,25
Gloss Level:	Matt
Solids Content in weight:	62%
Solids content in volume:	51%
Water Vapour Permeability:	μ = 1934 (2 x 500 g/m²)
Mixing Ratio:	Base : Activator = 19.2 : 0.8 (Weight)

DRY TIMES BY 20º C/RH 50%

Touch dry:	1,5 hours
Dry to handle:	1,5 hours
Dry to recoat:	12 hours
Fully cured:	1 week
Pot Life:	18 hours

RECOMMENDED WET FILM THICKNESS
1200 micron per coat (cons.: 1,5 kg/m²)

RECOMMENDED DRY FILM THICKNESS
600 micron per coat (cons.: 1,5 kg/m²)

THEORETICAL CONSUMPTION
Per coat: 1 - 1,5 kg/m² (depending of the substrate). To be applied in 2 coats.

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 mesh" and apply one of the following priming coats:
- On porous concrete, hard PVC and polyester: Primer 44HS
- On very smooth concrete: Noxyde diluted with 25% volume water
- On iron and steel: undiluted Noxyde

Roofing or bituminous materials over 1 year old can be coated directly with Dacfill HZ depending on its condition. To ensure optimal adhesion it is recommended to fixate the substrate with Parafix. Zinc, galvanised steel, copper, lead and aluminium can be recoated with Dacfill HZ, if required, after degreasing and slight sanding.

DIRECTIONS FOR USE
To ensure homogeneity, coating materials should be thoroughly stirred prior to use. Add B-component to the A-component while stirring mechanically. It is advised to use the mixed material during the same day. Unroll the Dacfill-mesh on the dry and clean substrate and fix it to the substrate with a first coat of Dacfill HZ (1 - 1,5 kg/m²) by roller. Mesh overlappings must be at least 5 cm. After drying, a second coat of Dacfill HZ is to be applied by roller or by airless so that the structure of the mesh is not visible anymore.

APPLICATION CONDITIONS
Dry weather: enough air ventilation (light breeze) or sunny conditions. Minimum Temperature: 5°C. Max. Relative humidity: 85%.

APPLICATION & THINNING: BRUSH
Square brush. Do not dilute.

APPLICATION & THINNING: ROLLER
Roller with long hairs (long nap). Do not dilute.

APPLICATION & THINNING: AIRLESS SPRAY
Nozzle: 18 - 23 / Pressure: 220 bars. Do not dilute.

APPLICATION & THINNING: AIR-ATOMISED SPRAY
Not advised

CLEANING OF EQUIPMENT / SPILLS
Water

REMARKS
Dacfill-mesh must be used on 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-mesh, please consult our Technical Service). For substrates other than those mentioned above contact Technical Service Do NOT apply on TPO's (Thermoplastic Olefins i.e. Derbigum)
Drying times depend strongly on temperature, relative humidity and air movement. Surface drying (1 kg/m²): 30 minutes (high t° / low R.H.) , 6 hours (low t° / high R.H. / no wind)
Shore hardness A (ASTM D 2240): 75

SAFETY DATA

VOC level:	55 g/l
VOC readymix:	55 g/l
VOC category:	A/j
VOC limit:	140 g/l
Grenelle:	Exterior
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE
Minimum of 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: 30/05/2024

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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