

# New Guard Coatings Group

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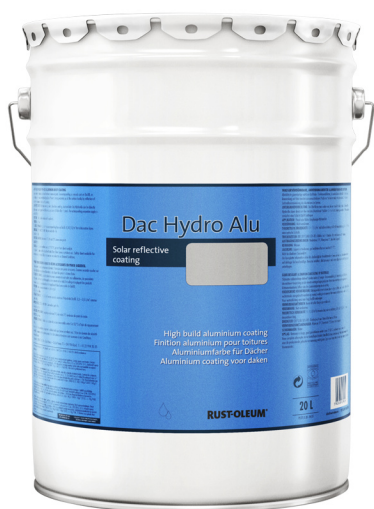


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**RUST-OLEUM®**  
— INDUSTRIAL —



## **DAC HYDRO ALU**

# **Solar reflective and durable roof coating**

- Prevents strong warming up of the surface
- Lasting 400% elastic layer without seams or joints
- Decorative aluminium finish resist UV-radiation, temperature changes, water and pollution
- Waterproof guarantee when used as topcoat on Dacfill®
- Water-based formulation, low odour

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# DAC HYDRO ALU

## DESCRIPTION

Waterborne, ready-to-use aluminum coating for decoration, heat reflection and lasting protection of metal and most bituminous roofs.

## RECOMMENDED USE

Decorative aluminium finish and durable protection of roofs with solar reflective characteristics. Builds an abrasion resistant rubberlike coat without joints or seams.

## TECHNICAL DATA

Density:	1,05
Gloss Level:	Metallic
Solids content in volume:	48 %
Solids Content in weight:	51 %
Water Vapour Permeability:	$\mu = 1836$

## DRYING TIMES AT 20°C/RH 50%

Touch dry:	4 hours
Dry to handle:	6-7 hours
Dry to recoat:	24 hours
Fully cured:	1 week

## RECOMMENDED WET FILM THICKNESS

1000 micron (cons.: 1 m<sup>2</sup>/l)

## RECOMMENDED DRY FILM THICKNESS

480 micron (cons.: 1 m<sup>2</sup>/l)

## THEORETICAL CONSUMPTION

Waterproofing: 1 - 1,5 l/m<sup>2</sup> (depending on type of roof) as a second coat on Dacfill.  
Esthetical: 0,3 - 0,5 l/m<sup>2</sup>

## 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 clean, free from peeling, dust and dirt. Bridge cracks and fissures with Dacfill-mesh. Fill up joints with Elastofill. Very porous substrates have to be primed first with Primer 44HS. Dac-Hydro-Alu can be directly applied on metals (except new galvanised steel), roofing and most bituminous products (> 1 year). Dac-Hydro-Alu can be applied without any problem on most waterbased products like Dacfill and Noxyde. Do not apply directly on Fillcoat or Fillcoat Fibers. In this case it is necessary to apply first a coat of Dacfill. Dac-Hydro-Alu cannot be applied on flexible PVC, EPDM, tar or bituminous materials < 1 year, polyisobutylene and smooth bitumen-polymers. In case of stagnating water, Dac-Hydro-Alu must always be applied in combination with the Dacfill-mesh with a consumption of 2 l/m<sup>2</sup>.

## DIRECTIONS FOR USE

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

## APPLICATION CONDITIONS

Apply in drying conditions at minimum 5°C.

## APPLICATION & THINNING: BRUSH

All types, do not dilute

## APPLICATION & THINNING: ROLLER

Mohair roll with long hairs, do not dilute.

## APPLICATION & THINNING: AIRLESS SPRAY

In case of airless-application, the aluminium finish will not be uniform; an airless-roll application is ideal, although in case of an airless application, it is necessary to roll over the surface with a roller.

## APPLICATION & THINNING: AIR-ATOMISED SPRAY

Not recommended

## CLEANING OF EQUIPMENT / SPILLS

Water

## SAFETY DATA

VOC level:	70 g/l
VOC readymix:	70 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

1 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: 13/04/2018

**Available colours & pack sizes:**Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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