

## PRODUCT DATA

## DAC-HYDRO-ALU

### DESCRIPTION

Roof paint based on water dispersed acrylic resins.

### MAIN PROPERTIES

400% elastic - water vapour permeable - prevents strong warming up of the surface locally by the light reflecting effect of the pigments in the coating film - keeps its aluminium finish even in strongly varying atmospheric conditions (U.V. rays, water, strong temperature fluctuations, etc.) - recoatable - builds an abrasion resistant rubberlike coat without joints or seams.

### RECOMMENDED USES

Decorative aluminium finish and durable protection of roofs with solar reflective characteristics.

### TECHNICAL DATA

Appearance:	Glossy (gloss 60°: ± 70%)
Colour:	Aluminium
Density:	1,03 - 1,06 g/cm <sup>3</sup>
Solids Content:	In volume: 47 - 49% In weight: 50 - 52%
Recommended film thickness:	Wet film: 1000 micron (cons.: 1 m <sup>2</sup> /l) Dry film: 480 micron (cons.: 1 m <sup>2</sup> /l)
Flashpoint:	Not flammable
Water vapour permeability:	μ = 1836
VOC-content:	70 g/l max.
Ready-for-use mixture:	70 g/l max.
Category:	A/i
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

<b>Drying times</b>	20°C/50% r.h.
To touch:	4 hours
To handle:	6 - 7 hours
To recoat:	24 hours
Full hardness:	± 1 week

### Coverage

Theoretical:	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:	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.

**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](mailto:info@rust-oleum.eu)  
[www.rust-oleum.eu](http://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](mailto:info.be@ro-m.com)  
[www.ro-m.com](http://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](mailto:info.fr@ro-m.com)  
[www.ro-m.com](http://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](mailto:info@rust-oleum.eu)  
[www.rust-oleum.eu](http://www.rust-oleum.eu)

## PRODUCT DATA

## DAC-HYDRO-ALU

**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>.

### DIRECTION FOR USE

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

### APPLICATION & THINNING

Brush: All types, do not dilute

Roller: Mohair roll with long hairs, do not dilute

Air-atomised spray: Not recommended

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.

Cleanup: Water

### APPLICATION CONDITIONS

Apply in drying conditions at minimum 5°C.

### SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

### SHELLIFE / STORAGE CONDITIONS

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.

#### 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](mailto:info@rust-oleum.eu)  
[www.rust-oleum.eu](http://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](mailto:info.be@ro-m.com)  
[www.ro-m.com](http://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](mailto:info.fr@ro-m.com)  
[www.ro-m.com](http://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](mailto:info@rust-oleum.eu)  
[www.rust-oleum.eu](http://www.rust-oleum.eu)