

**DESCRIPTION**

Roof paint based on water dispersed acrylic resins.

**APPLICATION**

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

**FEATURES**

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

**TECHNICAL DATA**

Binder:	plastified acrylic resins
Finish:	gloss
Gloss (60°):	± 70
Colour (s):	aluminium
Solids content (ASTM, D1644/a):	by volume: 47 - 49 % by weight: 50 - 52 %
Density (ASTM, D1475, 20°C):	1,03 - 1,06 g/cm <sup>3</sup>
VOC-content: (Volatile Organic Compounds)	max. 65 g/l
Consumption:	waterproofing: 2 coats of 1m <sup>2</sup> /l per coat aesthetical: 2 - 3 m <sup>2</sup> /l
Thickness	wet film: 1000 micron (cons.: 1 m <sup>2</sup> /l) dry film: 480 micron (cons.: 1 m <sup>2</sup> /l)
Drying times (for t° 20°C) (for R.H. 60%)	* dust free: 4 hours * rain resistant : 6 - 7 hours * recoatable : 24 hours * full cure : ± 1 week
Flashpoint (DIN53213):	not flammable

**INSTRUCTIONS FOR USE**

Ambient conditions:	Apply in drying conditions at minimum 5°C.
Dilution:	Apply undiluted.
Cleaning tools:	water
Conventional spray-gun:	Not recommended
Brush:	All types.
Roller:	Mohair roller with long hair.
Particulars:	In case of airless-application, the aluminium finish will not be uniform; an airless/roller application is ideal, although in case of an airless application, it is necessary to roll over the surface with a roller.

#### **PREPARATION OF THE SUBSTRATE**

The substrate must be clean, free from peeling, dust and dirt.

Bridge cracks and fissures with Dakfill-mesh.

Fill up joints with Elastofill.

Very porous substrates have to be primed first with Primer 44 (diluted with 30 % Thinner 22).

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 Dakfill and Noxyde.

Do not apply directly on Fillcoat or Fillcoat Fibers. In this case it is necessary to apply first a coat of Dakfill.

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 Dakfill-mesh with a consumption of 2 l/m<sup>2</sup>.

#### **ADDITIONAL INFORMATION**

Transport codes:                   ADR-classification: none                   UN-code: none

Packing:                           4 - 20 l

Storage stability: At least 12 months, provided the original tin is properly sealed and kept in a cool, dry and frost-free place.

AFNOR Classification: Group I, class 7b2

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith.

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

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