

PRODUCT DATA

DAC-HYDRO-D

Andrews Coatings Ltd
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DESCRIPTION

Waterborne acrylic paint.

MAIN PROPERTIES

Excellent resistance against weathering - particularly aesthetic and durable decorative finish which breathes, is flexible and adheres to most mineral substrates - easy application - excellent gloss retention.

RECOMMENDED USES

Dac-Hydro-D renovates and protects in a durable way several kinds of roof coverings (concrete and terracotta roof tiles). It is not advisable to apply Dac-Hydro-D on artificial slates type "Eternit".

TECHNICAL DATA

Appearance:	Satin matt (gloss 60°: ± 10%) Gloss scale 85°: ± 10% so that the aesthetical finish of Dac-Hydro-D is independent of the angle of incidence.
Colour:	Brown, slate grey, tile red, reddish brown
Density:	± 1,2 g/cm ³
Solids Content:	In volume: 42% In weight: 53%
Recommended film thickness:	Wet film: 170 micron (cons.: 6 m ² /l) Dry film: 70 micron (cons.: 6 m ² /l)
Flashpoint:	Not flammable
VOC-content:	40 g/l max.
Ready-for-use mixture:	40 g/l max.
Category:	A/i
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times 20°C/50% r.h.

To touch:	1 hour
To handle:	2 hours
To recoat:	24 hours
Full hardness	± 1 week

Coverage

Theoretical:	6 - 8 m ² /l per coat
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

After a good cleaning with pure water under high pressure (200 bars), all substrates have to be dry, clean, not chalking and normally absorbent (untreated roof tiles).

For very closed substrates like varnished or enamelled tiles, an adhesion coat like Noxyde diluted with 25% water has to be foreseen.

For all other substrates: corrugated asbestos cement sheets, concrete tiles of the Redland-type and all weathered and / or very absorbent substrates, it is necessary to apply an adhesion coat in Primer 44HS. It is recommended to perform an adhesion test.

DIRECTION FOR USE

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

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APPLICATION & THINNING

Brush:	Apply undiluted
Roller:	Apply undiluted
Air-atomised spray:	Not recommended
Airless spray:	Dilute with max. 3% of water. Nozzle: 015 - 021 / Pressure: 160 - 220 bars
Cleanup:	Water

APPLICATION CONDITIONS

T > 8°C, relative humidity max. 80%

REMARKS

Apply in 2 coats to avoid local gloss differences.

SAFETY

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

SHELLIFE / STORAGE CONDITIONS

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.

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