

## PRODUCT DATA

## DAC-HYDRO-PLUS

### DESCRIPTION

Waterborne acrylic paint.

### MAIN PROPERTIES

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

### RECOMMENDED USES

Dac-Hydro-Plus renovates and protects in a durable way concrete and terracotta roof tiles).

### TECHNICAL DATA

Appearance:	Satin matt (gloss 85°: ± 8%)
Colour:	Brown, slate grey, tile red, reddish brown, Rustic (E596)
Density:	± 1,16 g/cm <sup>3</sup>
Solids Content:	In volume: ± 30% In weight: ± 40%
Recommended film thickness:	Wet film: 1 <sup>st</sup> coat: ± 125 g/m <sup>2</sup> - 110 µm (cons.: 9 m <sup>2</sup> /l) 2 <sup>nd</sup> coat: ± 100 g/m <sup>2</sup> - 85 µm (cons.: 11 m <sup>2</sup> /l) Dry film: 1 <sup>st</sup> coat: ± 33 µm (cons.: 9 m <sup>2</sup> /l) 2 <sup>nd</sup> coat: ± 26 µm (cons.: 11 m <sup>2</sup> /l)
Flashpoint:	Not flammable
VOC-content:	35 g/l max.
Ready-for-use mixture:	35 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:	9 – 11 m <sup>2</sup> /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).  
Apply an anti fungicidal solution such as A.M.W. for removal of moss, etc.

Substrate	Primer	Topcoat
Concrete tiles	-	2 coats (35 µm + 25 µm d.f.t.)
Fibrous tiles (porous) - Weathered Eternit*	Pegafix or Primer 44HS	2 coats (35 µm + 25 µm d.f.t.)
Fibre tiles (new) – New Eternit	-	2 coats (35 µm + 25 µm d.f.t.)
Slate tiles	Primer 44HS or Pegafix	2 coats (35 µm + 25 µm d.f.t.)

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Terracotta tiles, concrete tiles type Redland, fully weathered and/or very porous	Primer 44HS	2 lagen (35 µm + 25 µm d.f.t.)
Very dense substrates	Noxyde diluted with 25% water	2 coats (35 µm + 25 µm d.f.t.)

\*) It is not recommended to apply Dac Hydro Plus on artificial slates of the Eternit type that are too strongly deteriorated. In order to verify, please check the mechanical stability of the surface after cleaning with a sharp knife or a screwdriver. If the fibres come loose, the surface can not be coated and needs to be renewed.

It is recommended to always perform an adhesion test.

### DIRECTION FOR USE

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

### APPLICATION & THINNING

Brush: Apply undiluted

Roller: Apply undiluted

Air-atomised spray: Not recommended

Airless spray: Dilute with max. 3% of water.  
Nozzle: 009 - 013 / Pressure: 140 – 180 bars

Cleanup: Water

### APPLICATION CONDITIONS

T > 8°C, relative humidity max. 80%. Do not apply in full sun.

### 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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