



## TECHNICAL SPECIFICATIONS GUIDELINE

### DAC HYDRO PLUS TILED ROOF PAINT

Primer-topcoat system for tiled roofs

#### CHARACTERISTICS

- Acrylic coating suitable for all kinds of tiles, including pre-painted artificial slates
- Water-based, low odour during application
- Highly breathable
- No primer required in most situations
- Rain proof after only 2h
- High coverage, cost effective
- Easy and fast application
- Great stability of colours

#### ACCEPTABLE SUBSTRATES

##### MINERAL SUBSTRATES

##### Surface condition

Mineral substrates, such like fibro-cement concrete or terracotta tiles etc, will be in good condition and of solid structure. The roof will have sufficient slope to ensure water run-off towards drainage systems, and to avoid any stagnation of water. The roof should also be ventilated and isolated in order to prevent humidity rising. Surface must be clean and dry during application. Roofs made of pre-painted artificial slates such like Eternit® must be checked in order to verify quality of the slates, which should not have loose fibers when the original coating is worn. Otherwise, no renovation system can be proposed.

##### OLD COATINGS

##### Surface condition

Old paints and coatings should be perfectly adherent. In case of doubt, carry out a test on a small control-surface. Compatible glossy coatings will be sanded mechanically.



## SURFACE PREPARATION

### GENERAL

Remove any dust, debris etc ; degrease and eliminate any contamination by alkaline cleaning with Cleaner-Degreaser RUST-OLEUM ND14 or high pressure cleaning combines with appropriate detergent, followed by thorough rinsing and full drying. In case of presence of mould (moss, lichens etc), decontaminate concerned surfaces with AMW Concentrate, followed by thorough rinsing and full drying. For severely contaminated areas, it is recommended to double the fungicidal treatment.

### RECOMMENDED WORKING PROCEDURES

#### PRECAUTIONS

During application and first phase of drying ( $\pm$  2 hours), low temperatures and high humidity and/or condensation can cause formation of a wet film, and possibly alter film gloss.

Solar radiation can increase substrate temperature in a significant way, it is recommended to work under favorable weather conditions during summer time.

#### PRIMERS

Very porous and/or eroded mineral substrates (e.g. concrete tiles) will be primed with RUST-OLEUM PRIMER 44 HS.

Substrates consisting of pre-painted artificial slates whose original coat of paint is worn with sound and adhered exposed fibers, will receive one coat of Pegafix Universal.

Smooth and non-absorbent substrates, such like glazed tiles, will receive an adhesion primer coat with Noxyde Plus diluted with water up to 20%.

### APPLICATION CONDITIONS

Temperature of air, substrate and product should be between 8 and 35°C, and relative humidity below 80%. Substrate temperature will be 3°C superior to dew point.

Product mixing: mix base material with a slow speed electric mixing machine, maximum 300 rounds/minutes, until homogeneous result is obtained. Consult technical data sheets for details on drying times, induction times, pot-life, dilution and recommended application methods. Consult safety data sheets for any information related to safety during use of products.

### SURFACE MAINTENANCE

A DAC HYDRO PLUS roof paint system offers good dirt pickup resistance and biological growth, however the owner is required to carry out regular maintenance.

## SYSTEMS OVERVIEW

SUBSTRATES	CONCRETE TILES	TERRACOTA TILES	FIBRO-CEMENT	ARTIFICIAL SLATES
Primer	System : -	System : -	System : -	System : -
1st coat	D.F.S. : DAC HYDRO PLUS 35 µm	D.F.S. : DAC HYDRO PLUS 35 µm	D.F.S. : DAC HYDRO PLUS 35 µm	D.F.S. : DAC HYDRO PLUS 35 µm
2nd coat	D.F.S. : DAC HYDRO PLUS 25 µm	D.F.S. : DAC HYDRO PLUS 25 µm	D.F.S. : DAC HYDRO PLUS 25 µm	D.F.S. : DAC HYDRO PLUS 25 µm
Total film thickness	60 µm	60 µm	60 µm	60 µm
(1) See section « Primers » above.				

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**Available colours and pack sizes:** See the relevant product page at [www.rust-oleum.eu](http://www.rust-oleum.eu) for actual available colours and pack sizes.

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