

TECHNICAL DATA SHEET

Aqua-Therm DRP Infra

Waterborne air-drying paint

Colour:	White
Field of application:	The paint is suitable for decorative coating of infrared heating panels for indoor use. Excellent covering capability, preserving original white colour even after occasional 150°C peak temperatures. Fast drying paint with matte finish.
Appearance:	White thixotropic suspension
Non-volatile content:	min. 60 m/m%
Rel. density (23°C):	1,6 g/cm ³
Shelf life:	3 months from production if stored between +5 and +25°C. Frost sensitive.

PROPERTIES AND APPLICATION INSTRUCTIONS

Substrates:	Infrared heating panels
Surface pre-treatment:	Paint shall be applied to clean, dry surface at temperature between 10-30°C.
Processing:	The can be applied by brush, paint roller or spraying. Stir paint carefully each time before applying. For the aesthetic coating apply 1 (or eventual 2) layers in max. 70-100 µm dry film thickness.
Drying and cure:	In one layer, coating dries 40-50 min. at room temperature. Minimum 2 hour drying at room temperature and proper ventilation is necessary before applying the second layer. Coating reaches its final hardness after at least 30 minutes at operating temperature.
Rec. layer thickness:	130-180 µm wet / 70-100 µm dry
Heat resistance:	continuously 100-120°C, peak 150°C
Theor. spreading rate:	3 m ² /kg (in one layer depending on the surface and the technology)
Thinning:	Not recommended, apply softened water when necessary (max. 5%)
Clean up:	The cleaning of tools and surfaces contaminated with paint can be done with tap water immediately after application. The removal of the dried paint can only be done by organic solvent (e.g. aromatic

solvent). Cleaning of coated surface is recommended only with dry methods (e.g. vacuum cleaner).

Storage & handling:

Containers once opened have to be carefully re-sealed; otherwise contact with air will lead to formation of a thin skin on its surface, which may cause the formation of grains when the leftover paint is used. Should this occur, then the paint is to be filtered before use.

Safety precautions:

The paint is basically for use by professional applicators in accordance with information in this Technical Data Sheet and the applicable Material Safety Data Sheet (MSDS). Refer to the product MSDS before using this material.

We recommend the field of application and usage technologies according to our best technical knowledge. These recommendations do not substitute for the detailed application technology / method statement which has to be developed with respect to the local circumstances and application requirements. In this sense this TDS should be considered as information only.