

TECHNICAL DATA SHEET

Aqua-Therm Antikorr

Waterborne corrosion protecting paint with limited heat resistance

Colours:	black and according to colour chart
Field of application:	Fast drying, flexible corrosion protecting paint with good adhesion for steel surfaces.
Appearance:	homogenous suspension
Non volatile content:	min. 40 m/m%
Efflux time (DIN4, 23°C):	min. 30 s
Shelf life:	6 months from production if stored between +5 and +25°C. Frost sensitive.

PROPERTIES AND APPLICATION INSTRUCTIONS

Substrates:	Cold- or hot rolled steel
Surface pre-treatment:	Substrates must be clean, dry and free from any contamination. All oil, dirt, grease, dust, foreign material and oxide layer must be removed prior to coating. Blast cleaning provides a roughened surface that improves adhesion. Abrasive blast clean to Sa 2½ (ISO 8501-1:2007).
Processing:	The paint can be applied both by spraying or brushing. Stir paint carefully each time before applying. (Intense stirring may cause foaming.) Proper corrosion protection dry layer thickness shall be minimum 80 µm. This can be achieved by two layer painting
Drying and cure:	surface drying: 30 min at 20°C dry-to-assembling: 24 hours at 20°C or 30 min at 80°C Second layer can be applied after 2 hours. Only after curing can the coated surface be exposed to higher temperatures, applying an even rate of heating. Coating reaches its final hardness when the coated item is first put into operation.
Rec. layer thickness:	80 µm dry
Heat resistance:	100-120°C

Theor. spreading rate:	7-8 m ² /kg (in one layer depending on the surface and the technology)
Thinning:	Not recommended, apply softened water when necessary
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).
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.