



# AKVASAFE 88

## TECHNICAL DATA SHEET 1/20

### PROPERTIES AND RECOMMENDED USAGE

#### Paint type

AKVASAFE 88 is a water-borne low-flame paint based on an emulsion binder. AKVASAFE 88 burns only little and does not spread surface flames in case of fire.

The product meets the requirements of IMO FTPC on materials with low flame-spread characteristics and not producing excessive quantities of smoke and toxic products at elevated temperatures (Certificate NO VTT-C-12250-15-18 VTT Finland). Approved on over 0,75 mm thick (or higher) metal surfaces.

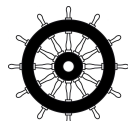
#### Typical applications

AKVASAFE 88 can be used indoors in dry atmosphere as a fire protection antistain and dust binding paint on fire exposed areas.

#### Typical and recommended uses

Restaurants and congress rooms. Mineral wool and glass carpet walls and ceilings in ships. Also exterior surfaces of galvanized ventilation ducts.

#### Quality system approval according to Marine Equipment Directive 2014/90/EU



0809

### TECHNICAL DATA

Volume solids*	32 ± 2 %
Total mass of solids*	651 g/l
VOC value*	37 g/l

\* Values are calculated

#### Drying time 50 µm, RH 60 %

	+23 °C
Surface dry	30 min
To touch	1.5 h
To recoat (with itself)	3 h

Drying times are typical on recommended film thicknesses at given temperatures.

#### Calculated theoretical coverage and recommended film thickness

Dry	Wet	Coverage
50 µm	156 µm	6.4 m²/l
60 µm	188 µm	5.3 m²/l

#### Practical coverage

Depends on wind conditions, the structure to be painted, the roughness of the surface and the application method.

#### Colour

White, black

#### Thinner

Fresh water

#### Cleaner

Fresh water

#### Finish

Matt

## APPLICATION INSTRUCTIONS

### Surface preparations

All solid impurities that could prevent adhesion should be removed from the surfaces to be painted. Remove salts and other water soluble impurities using fresh water with brush, high pressure-, steam- or alkali cleansing. Remove grease and oils by alkali-, emulsion- or solvent cleansing (SFS-en ISO 8504-3, SFS-EN ISO 12944-4). The surfaces should be rinsed carefully with fresh water after cleansing. Old, painted surfaces, in which maximum overcoating interval has expired, additional roughening with suitable method is recommended. The place and time for the surface preparation should be chosen correctly, to avoid contamination and moistening of the treated surface before the paint application.

### Mineral wool with fiberglass fabric

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### Galvanized air vents (exterior)

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### Primer on bare steel surfaces

AKVANOR 81 PRIMER, AKVANOR 100 SG, PILOT QD PRIMER

### Top coat

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### Environmental conditions during application

The surface should be dry and clean. During application and drying time the temperature of the paint, air and surface should be above +10 °C and the relative humidity below 70 %. The best result will be achieved, if the surface temperature is above +15 °C and the relative humidity below 50 %. The surface temperature should be min 3 °C above the dew point of the air. It's important to maintain good ventilation while painting and drying (NOTE: Evaporated water is lighter than air).

### Method of application

Use airless spray, mohair roller or brush. The paint must be thoroughly mixed before application. In order to ensure the best possible performance of the product, it is recommended that the paint is at room temperature before the application

### Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the paint is often used under conditions beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without notice. Please contact our office for more specific information. The product is intended for professional use only. If there are deviations in the different language versions of the technical data sheets, the English version applies.

### Airless spray (stainless steel)

High pressure airless spray with a nozzle tip of 0.011" - 0.015" orifice. Spray angle depending on the object to be painted. To avoid solvent contamination of the water borne paint the spraying equipment has to be conditioned before use. All equipment containing solvents in the pump, hoses and gun have to be thoroughly cleaned according to the following instructions. If the application equipment is made in stainless steel, designed for and only used for application of water borne coatings this preparation and cleaning procedure is not needed.

### Before spraying

Circulate thinner OH 17 through the equipment and hoses. Then thinner OH 04 before fresh clean water.

### After spraying

Clean the equipment and hoses with water and detergent, then circulate thinner OH 04 and finally thinner OH 17.

### Storage and shelf life

The product must be stored in original sealed containers at temperatures from 5 °C to 30 °C. The storage conditions are to keep the containers in a dry, well ventilated space away from source of heat and ignition. When stored as described above, the unopened product will keep up to 1 year from the date of manufacture. The manufacturing date found in the label is also the batch number of the paint.

### Safety

Please follow the environmental and safety instructions displayed on the container and Safety Data Sheet. Use under well ventilated conditions. Do not breathe or inhale mist, use respirator mask. Avoid skin contact. Spillage on the skin should immediately removed with suitable cleanser, soap or water. In case of contact with eyes, rinse immediately with plenty of clean water and if necessary seek medical advice.