WENCON®

Instruction for use

Wencon UW Cream for wet surfaces or under water application

General Description

Wencon UW Cream is a two-component product, to be applied under water or on a wet surface, and curing at room temperature. After curing, Wencon UW Cream will exhibit a wide range of the characteristics of metals, which together with good adhesion makes the system most suitable as a repair compound for repairing corroded and worn metal. Wencon UW Cream is non conducting and can neither corrode nor bi-metallic corrode.

Typical applications are corroded hulls and all under water parts of ships and structures, tanks, pipes, flange faces. It is also excellent for filling up cavitation damages on hulls and rudders.

Surface Preparation

Before applying, the surface must be clean from loose paint, scales, under water growth, etc. A mechanical cleaning will do, but even better, if possible, hydro-jetting.

Mixing Ratio

Mixing ratio 1:2 by volume. Mix well until an even color is obtained. The mixing must take place above water. After mixing, the product can be taken into the water.

Pot Life

25 - 35 min. at 20°C (68°F), depending on the amount mixed and temperature.

Applying

Wencon UW Cream is applied using the spatula supplied with the kit. Work the product well into the surface of the area to be treated, in order to obtain a close contact. As an option, you can fill the product into an empty cartridge, and inject it from this. This often helps you keep the working place more clean and thereby prevent contamination of the water.

Curing

Curing will take place in 10-18 hours, in the right temperature. Curing requires a temperature of at least 10°C (50°F), but better at 17-23°C (62-73°F) or higher. If the product shall be exposed to chemicals, let it cure for 7 days before the exposure.

Chemical Resistance

After curing, the Wencon UW Cream will be resistant to oil, water, saltwater, most diluted acids and a range of solvents.

Temperatur Resistance

Corrosion and heavy load:	60°C (140°F)
Light or no load:	100°C (212°F)
As filling compound:	up to 160°C (320°F)

Specific Volume

526 ccm/kg. (33,6 cu inch./kg)

Handling Precautions

Read the instructions on the pack and the Material Safety Data Sheet.

Remarks

If thick layers shall be applied, the consistency may allow you only to apply part of the required thickness in one application (especially if the temperature is high). The overcoating time will depend on temperature and thickness, but as soon as you can apply next layer without disturbing the previous one, that is while the previous layer is still tacky, the next layer shall be applied.

WENCON ApS • Jyllandsvej 15 • DK-5400 Bogense •
Phone +45 6481 1010 • wencon@wencon.com • www.wencon.com