WENCON®

INSTRUCTION FOR USE

Version 1.1 -2021

Wencon UW Coating for wet surfaces or under water

General Description	Wencon UW Coating is a two-component liquid coating, to be applied on wet surfaces or under water. After curing, Wencon UW Coating will provide a smooth non-porous coating, which is resistant to bi-metallic corrosion, light chemical attack, corrosion and impingement. Wencon UW Coating contains no solvents. Typical applications are coatings of steel surfaces rebuild with Wencon UW Cream, and coatings under water - like ships hulls and/or other submerged structures, tanks, pipes etc. Examples of repairs under extreme conditions could be: on-site repair of sea-water filter housings etc. unable to achieve a dry surface. The UW Coating is used for scratched painting on hulls in splash-zones and under water.
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 minutes at 20°C (68°F), depending on amount.
Applying	Wencon UW Coating is applied using either a brush or a roller. If temperature is low, use brushes with short bristles, if temperature is high, use long bristles. The initial wetting of the brush and/or roller shall take place above water. Hereafter you can bring both the mixed product and the brush/roller into the water. Apply in a thickness of totally 300-350µ. Depending on temperature this thickness can be achieved in 2-3 layers.
Overcoating	Wencon UW Coating is applied in 2 operations, and is supplied in two different colours, orange and brown. The overcoating time depends on the temperature. The second coat must be applied while the first coat is still tacky. The time will vary from two to six hours.
Curing	Curing will take place in 10-18 hours, but only if temperature allows it to cure. Curing requires a temperature of at least 10°C (50°F), but better at 17-23°C (62-73°F) or higher. If the coating shall be exposed to chemicals, let it cure for 7 days before the exposure.
Chemical Resistance	After curing, the Wencon UW Coating will be resistant to oil, water, salt water, most diluted acids and a range of solvents.
Temperature 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	535 ccm/kg. (34,2cu inch./kg)
Coverage:	approx. 0,8 msq. per kg per coat.
Handling Precautions	Read the instructions on the packaging 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 depends on the temperature and thickness. Next layer shall be applied, while first layer is still tacky.