

## Wencon UW Coating for wet surfaces or under water application

<b>General Description</b>	<p>Wencon UW Coating is a two-component product, to be applied under water or on a wet surface, and curing at room temperature. 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.</p> <p>Typical applications are coating of surfaces rebuilt with Wencon UW Cream and coating of steel surfaces under water like hulls and/or other submerged structures, tanks, pipes. The UW Coating is ideal for repair of ballast- and cooling pipes, in connection with Wencon reinforcement tape. Excellent for repair jobs which, due to high humidity, have to be done in wet conditions.</p>
<b>Surface Preparation</b>	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.
<b>Mixing Ratio</b>	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.
<b>Pot Life</b>	25-35 minutes at 20°C (68°F), depending on amount.
<b>Applying</b>	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 best roller type will also depend on temperature. Normally the thick, lamb's skin type is good. 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.
<b>Overcoating</b>	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 whilst the first coat is still tacky. The time will vary from two to six hours.
<b>Curing</b>	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.
<b>Chemical Resistance</b>	After curing, the Wencon UW Coating will be resistant to oil, water, saltwater, most diluted acids and a range of solvents.
<b>Temperatur Resistance</b>	<p>Corrosion and heavy load: 60°C (140°F)</p> <p>Light or no load: 100°C (212°F)</p> <p>As filling compound: up to 160°C (320°F)</p>
<b>Specific Volume</b>	535 ccm/kg. (34,2cu inch./kg)
<b>Coverage:</b>	approx. 2 msq. per kg per coat.
<b>Handling Precautions</b>	Read the instructions on the pack and the Material Safety Data Sheet.
<b>Remarks</b>	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, and next layer should be applied, while first layer is still tacky.