

# Wencon UW Coating (Low Viscosity)

General Description	<p>The Wencon UW Coating LV is essentially the identical product to Wencon UW Coating. Thanks to its low viscosity it is presented in cartridges which provides the following advantages:</p> <ul style="list-style-type: none"> <li>- Spray application</li> <li>- Injection</li> <li>- Direct Hose/Brush application</li> <li>- Smooth automatic mixing</li> </ul>
Surface Preparation	<p><b>Optimal:</b> We recommend that the surface preparation prior to the application complies with ISO 8501 or a comparable quality certification to ensure the desired level of quality is achieved.</p> <p><b>Minimum:</b> Before applying, the surface must be clean from loose paint, scales, underwater growth, etc. Mechanical cleaning is sufficient, but hydro-jetting is preferred where possible.</p>
Mixing Ratio	Mix by volume 2:1. The product will be mixed by the static mixer when it is dispensed from the cartridges
Pot Life	25-35 minutes at 20°C (68°F), depending on the quantity. When preheated to 35°C (95°F), Wencon UW LV pot life will be 3 to 5 minutes
Applying	<p>To obtain a smooth application process, we recommend preheating the cartridges to 35°C-40 °C (95°F-104°F) when using the spray and hose/brushes.</p> <p>Wencon UW Coating LV can be applied using traditional spatula, brush or roller.</p> <p>Wencon UW Coating LV filled in Sulzers MIXPAC™ &amp; MixCoat™ Systems serves multiple purposes. When using a pneumatic dispenser and accessories, Wencon UW Coating LV can be:</p> <ul style="list-style-type: none"> <li>- Sprayed</li> <li>- Injected</li> <li>- Brushed directly from cartridges</li> </ul>
Overcoating	If a double layer is required, the overcoating time can vary from one to three hours, depending on the temperature. The second layer must be applied while the first layer is still tacky. The first layer will become tacky within 2 to 6 hours.
Compatibility	Wencon UW Coating LV is in general compatible with other epoxy-polyamide / amine paint & polyurethane coatings. These substrates bond well to each other as long as the surfaces are clean and slightly abraded.

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Curing	Curing will take place in 10 to 18 hours at 20°C (68°F) If the coating will be exposed to chemicals, allow it to cure for 7 days before exposure.
Chemical Resistance	After curing, Wencon UW Coating LV will be resistant to oil, water, saltwater, most diluted acids, and a range of solvents. Refer to the chemical resistance list.
Fire Resistance	Tested according to IMO Resolution MSC 307(88)(2010 FTP Code) Annex1: Part 2 and 5
Salt Spray Test	Tested according to ISO12944-9
Temperature Resistance	Corrosion and heavy load: Up to 60°C (140°F) Light or no load: Up to 100°C (212°F) As filling compound: Up to 160°C (320°F)
Specific Volume	524 cm <sup>3</sup> per kilogram (32,6 cubic inches/kg)
Coverage	Approximately 0.8 square meters per kg per coat. (8.6 Square foot)
Handling Precautions	Read the instructions on the packaging and the Safety Data Sheet.
Remarks	Cathodic protection systems must be isolated/disconnected, and the surface must be allowed to depolarize before underwater application.