

Wencon UW Coating

Excellent liquid coating for applying under water, or on wet surfaces.

- Under water applying
- Strong adhesion to all surfaces
- Easy mixing and application
- High coverage rate
- Fully machinable

Wencon UW Coating is a two-component product, to be applied under water 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.

Typical applications are coatings of steel surfaces rebuilt with Wencon UW Cream, and coatings under water - like ships hulls and/or other submerged structures, tanks, pipes and other under water items to be protected against corrosion or bi-metallic corrosion.

Wencon UW coating has been developed for use in the marine industry and Off Shore, where it is not possible to apply on a dry surface.

The coating has to be mixed above water in the mixing ratio 1:3, and can be applied under water by spatula, brush or roller.



No. 1 - 05.07.2005



Product numbers:

No. 1035 Wencon UW Coating, 0,5 kg unit

IMPA no. ISSA no.

N/A

75.553.92

General description

Two component solvent free liquid coating, for protection against corrosion and bi-metallic corrosion, erosion as well as impingement. The coating can be applied under water.

Surface preparation

When Wencon UW coating is applied on top of Wencon UW Cream, it has to be applied when the layer of UW Cream is still tacky.

When applying to an old steel surface under water, the surface must be cleaned for loose paint, scales, under water growth, etc. A mechanical cleaning will do, but even better – if possible, use hydro-jetting.

Mixing ratio

Do the mixing above water, and mix in a mixing ration 1:3. Mix well until an even colour.

Applying

Wencon UW Coating is applied using a spatula, brush or roller. If the temperature is low – use a brush with short bristles. If the temperature is high, use brush with long bristles. The initial wetting of the brush/roller has to take place above water

Over coating

Wencon UW Coating is applied in 2-3 operations. The over coating time depends of the temperature. The second layer has to be applied while the first layer is still tacky. The time will vary from 2-6 hours.

Pot life

10-20 minutes at 20°C, depending on the amount mixed.

Curing time

Curing will take place in 10-18 hours, but only if the temperature allows it t cure. Curing requires a temperature of at least 15°C, but better at 17-23°C or higher. If the coating shall be exposed to chemicals, let it cure for 7 days before exposure.

Machine-ability

After curing, the coating can be machined just like metal.

Chemical resistance

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

Temperature resistance

Corrosion or heavy load: 60°C

Light or no load: 100°C

As filling compound: up to 160°C

Specific volume

685 cu cm per kilogramme

Coverage rate

Approximately 2 sq. m. per kg per coat.

Shelf life

@ 20°C: 3 years

Handling precautions

Read the instruction for use and the Material Safety Data Sheet.