WENCON®

INSTRUCTION FOR USE

Version 1.1 -2021

Wencon Coating

General Description	Wencon Coating is a two-component liquid coating. After curing, Wencon Coating will provide a smooth non-porous coating, which is resistant to bi-metallic corrosion, light chemical attack, corrosion and impingement. Wencon Coating contains no solvents. Typical applications are coating of surfaces rebuild after deterioration. Wencon Coating is used for coating of new or protection of pumps, valves, wet liners, cooler end covers or other surfaces, against corrosion and bi-metallic corrosion.
Surface Preparation	Before applying, the surface must be clean. If possible shot blasted to Swedish Standard SA 2 1/2. Where impregnation of oil or salt is possible, the item is either left for 10-20 hours or heated to 30-40°C (86-104°F) in order to sweat out the oil or salt. Then the sandblasting is repeated. In some applications sandblasting is not possible and thorough grinding must take place to clean metal. N.B. Steelbrushing is not advisable as it gives a smooth surface. After grinding Wencon Bio Cleaner is used for degreasing.
Mixing Ratio	Mixing ratio 1:2 by volume. Mix the contents of the two tubs until an even colour is reached.
Pot Life	20-30 minutes at 20°C (68°F), depending on amount.
Applying	Wencon Coating is applied using the spatula supplied with the kit or a brush with half the length of the bristles cut away.
Overcoating	Wencon Coating is applied in two operations. It is therefore supplied in two different colours, white and blue. 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 one to two hours. If full curing has occured a light grit blasting is necessary prior to the second coat.
Curing	Curing will take place in 10-15 hours. If the coating shall be exposed to chemicals, let it cure for 7 days before the exposure.
Machinability	After curing, Wencon Coating can be machined, drilled and worked like metal.
Chemical Resistance	After curing, Wencon Coating will be resistant to oil, water, salt water, most diluted acids and a range of solvents.
Temperatur Resistance	Corrosion and heavy load: 60°C (140°F) Light or no load: 120°C (248°F) As filling compound: up to 250°C (482°F)
Specific Volume	730 ccm/kg. (46,7 cu inch/kg)
Coverage	1 kg/m2 (0,2 lb/sq. ft.) in 600 micron.
Hardness	Shore D 80.
Handling Precautions	Read the instructions on the packaging and the Material Safety Data Sheet.