WENCON®

Instruction for use

Wencon Ceramic Cream

General Description

Wencon Ceramic Cream is a two-component product, curing at room temperature. After curing, Wencon Ceramic Cream will exhibit a wide range of the characteristics of metals, which together with outstanding adhesion makes the system most suitable as a repair compound for repairing corroded and worn metal. Wencon Ceramic Cream is non conducting and can neither corrode nor bi-metallic corrode.

Wencon Ceramic Cream has a high abrasion resistance, making it suitable for applications on propeller nozzles, rudders, thruster tunnels and housings. In addition, the product also offer high temperature resistance, which makes it ideal for applications on gas scrubbers, condensers and end-covers.

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 shot blasting is repeated. In some applications sandblasting is not possible and thorough grinding must take place to clean metal.

N.B. Steel brushing is not advisable as it gives a smooth surface. After grinding Wencon Cleaner is used for degreasing.

Mixing Ratio

Mixing ratio 1:2 by volume. Mix until even color is obtained.

Pot Life

30-40 minutes at 20°C (68°F), depending on amount.

Applying

Wencon Ceramic Cream is applied using the spatula supplied with the kit.

Curing

Curing time depends on the temperature and the thickness applied. At 20°C (68°F) 10 -15 hours. If faster curing is required, heat can be added. At 100°C (212°F) curing time is reduced to 15-20 minutes.

Chemical Resistance

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

Temperatur Resistance

Corrosion and heavy load:	200°C (392°F)
Light or no load:	250°C (482°F)
As filling compound	up to 300°C (572°F)

Specific Volume

538 ccm/kg (34,4 cu inch/kg)

Hardness

Shore D 80.

Handling Precautions

Read the instructions on the pack and the Material Safety Data Sheet.

WENCON ApS • Jyllandsvej 15 • DK-5400 Bogense •
Phone +45 6481 1010 • wencon@wencon.com • www.wencon.com