

WENCON 50 CC ALU & WENCON 50 CC WHITE

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No. 2 - 01.07.2007

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Mix 3:1



Product numbers:

- No. 1200 Wencon 50 CC ALU incl. 5 mixing pipes
- No. 1202 Wencon 50 CC White incl. 5 mixing pipes
- No. 1201 Wencon Mixing gun

General Description

Wencon 50 CC Alu/White is a two-component product, curing at room temperature. After curing Wencon 50 CC Alu/White will provide a smooth non-porous coating, which is resistant to bi-metallic corrosion, light chemical attack, corrosion, erosion and impingement. Typical applications are repairs of aluminium surfaces, where an efficient protection against corrosion is required and as filler in connection with for instance bushings and fittings.

Surface preparation

Before applying Wencon 50 CC Alu/White 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 part is either left for 10-20 hours or heated to 40-50 degrees Celsius in order to sweat out oil or salt. Then shot blasting is repeated. In some applications shot blasting is not possible and a thorough grinding must take place to clean the metal.

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

Mixing

Fit a new mixing tube and squeeze out the product. It is not recommended that you use the first part of the ejected product, as this may not be properly mixed. At low temperatures the product is very stiff. Apply heat (up to 25 degrees Celsius) for better mixing.

Applying

Wencon 50 CC Alu/White is applied directly by means of the mixing tube or by use of a spatula or a brush with half the length of the bristles cut away. Wencon 50 CC Alu/White is applied in two operations. The overcoating time depends on the temperature of the surface and the external temperature. The overcoating must be applied whilst the first coat is still tacky. The time will vary from one to three hours. If full curing has occurred a light shot blasting is necessary prior to the second coat.

Pot Life

20-40 minutes at room temperature.

Curing

Curing will take place in 10-15 hours at room temperature. However, full resistance to chemicals will only be achieved after 7 days. Elevated temperatures will shorten the curing time. The indicated curing times are for product applied at 600 microns thickness. Thinner application will extend curing time; thicker application will shorten curing time. If a reduction of the curing time is required, heat can be applied after one to two hours. At 60 degrees Celsius the curing time is four to six hours. Wencon 50 CC Alu/White must not be exposed to temperatures above 100 degrees Celsius during curing.

Machinability

After curing Wencon 50 CC Alu/White can be machined like metal.

Chemical Resistance

After curing Wencon 50 CC Alu/White will be resistant to oil, water, salt water, most diluted acids and a number of solvents. It is advised to test the product for suitability.

Temperature Resistance

-40 degrees Celsius to 300 degrees Celsius depending on the environment.

SG: 0.70 litre pr kg.

Hardness: Shore D 90

Handling Precautions

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