

Wencon Pneumatic Mixer PM4

Wencon Pneumatic Mixer PM4 is a semi automated mixing machine specifically developed for mixing of Wencon 1088 two-component coating.



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Pneumatic Mixer PM4 2 x 750 ml

Wencon 1088 is supplied in a double cartridge system to be fitted with a static mixing tube. The cartridge is placed in the mixer. By means of compressed air, the two components of the coating are forced out through the mixing tube and thereby mixed.

The equipment is built into a solid flight case for protection and easy transportation.



Mixing capacity:

Approximately 1,5 l / 1,8 kg in 10 minutes.

Connection requirements:

Compressed air, maximum 8 bar

Dimensions:

1.750 x 370 x 270 mm (H x W x D)

Weight:

38 kg

Product numbers:

No. 5500 Wencon Pneumatic Mixer PM4 IMPA no. N/A



General Description for Wencon 1088

Two-component solvent free epoxy coating for protection against bimetallic corrosion, corrosion and erosion as well as impingement.

Surface preparation

The surface must always be clean and degreased

Applying to new steel surface:

- rounding (blunting) with radius 2mm
- shot blasting to SA 2,5
- profile 75 microns

Repairing old steel surface:

- rounding (blunting) with radius 2mm
- shot blasting to SA 2,5
- sweat out water and salts
- profile 75 microns

Mixing Ratio

Mix by volume A:B 1:1. Mix until an even colour is obtained.

For medium to large sized applications use Wencon Pneumatic Mixer PM4

Applying

Wencon 1088 can be applied by spatula, brush or two component hot airless spray equipment.

Overcoating

When applied with brush or spatula, Wencon 1088 is applied in two operations. The overcoating time can vary from one to three hours depending on temperature. The second coat must be applied whilst the first coat is still tacky. If full curing has occurred a light sandblasting or grinding is necessary prior to the second coat

Pot Life

Depending on amount mixed and temperature. Mixed in small amounts, the pot life is approximately 40 minutes at 20°C

Curing time

Curing will take place in 10-24 hours at 20°C.

Machine-ability

After curing the product can be machined just like metal

Technical Data

Hardness Shore D: 78

Tensile strength: 12,2 N/mm² (DIN 53454)

Compressive strength, Modulus of elasticity:
1954,9 N/mm² (DIN 53454)

R_{crack}: 93,2 N/mm² (DIN 53454)

Specific volume

820 cu cm per kilogramme

Coverage rate

Theoretical:

0,72kg/0,6 l per m². at 600 microns

Practical: 1,0kg/0,83 l per m²

Temperature Resistance

Corrosion: 160°C

Light load: 220°C

As filler: 300°C

Chemical Resistance

The coating is resistant to aqueous solutions, acids and alkalis as well as several aggressive acids and caustics

Shelf life

@ 20°C: 3 years

Handling Precautions

Read the instructions for use and the Material Safety Data Sheet



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