

GES07 EPOMIX 2K

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Rev.07 of 01/10/2010

GENERAL CHARACTERISTICS AND USE

Binder for preparing glossy epoxy finishes. Optimum final aspect, particularly as to gloss. Quick drying. Optimum bond straight on to steel. Optimum hardness. Excellent resistance to chemical substances and solvents (oils and greases of petroliferous, vegetable, animal origin; aliphatic and aromatic solvents; acids and basics). Suitable for coating metal and cement items in industrial painting systems, particularly when resistance to splashed and dripping solvents and chemicals is required.

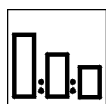
SURFACE PREPARATION



Steel: the surfaces should be sanded or, better still, sand-blasted down to the white metal. Any calamine should be completely removed. Degrease with V09 Antisil.

In the case of continuous processes where sanding is impossible or too costly, or if the articles are polluted on the surface by rolling lubricants (oils, stearates, soaps), they must be washed in a several stages plant with suitable detergents.

PRODUCT PREPARATION

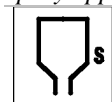


GES07 Epomix 2K+ pigmented bases
Hardener CE003
Thinner DE001

weight	volume	Pot life at 20°C
1,000	1,000	
250	250	8 h
350-450	350-450	

COATING APPLICATION

Spray application



Application viscosity at 20°C TF 4

20-26 s



Nozzle diameter

1.4 mm normal; 1.2-1.4 mm HVLP

Air pressure

3-4 bar normal; 2-2.5 bar HVLP



Flash-off at 20°C

15-30 min

Recommended final thickness (2-3 coats)

50-60 µm

Theoretic yield at 50 µm

9 m²/l - 8 m²/kg

Non-volatile content

67.65%

DRYING

In air at 20°C



Touch dry

5-6 h

Through dry

24 h

Complete

2 days

Stove-dried at 60°C



Stove drying at 60°C

60 min

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Notes:

All epoxy coatings are liable to slight chalking while light colours can turn yellowish in time, without the resistance values becoming impaired.

The product must not be applied when the temperature is less than 15° C or when the humidity is higher than 80%.

The technical information and suggestions given are the result of our experience and tests. We ensure that our products provide fade-free quality. However, we assume no responsibility for the results obtained as the conditions in which the product is used are beyond our control. You are therefore advised to conduct tests in the real coating and use conditions prior to actual production.



Consult the safety brief: GES07