GES19 EPOMIX 2K IND

GENERAL CHARACTERISTICS AND USE

Binder for the preparation of glossy industrial epoxy finishes. Quick drying. Good bond to steel. Good 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 cycles, 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 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



	weight	volume	Pot life at 20°C
GES19 Epomix 2K Ind + pigmented bases	1,000	1,000	
Hardeners CE002	300	400	
CE005	250	350	4-5 h (with CE002)
CE008	350	450	
Thinner DE001	100-150	100-150	

COATING SYSTEM

Spray application

Application viscosity at 20°C DIN 4	20-26 s
Nozzle diameter	1.4 mm normal; 1.2-1.4 mm HVLP
Air pressure	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 80 µm	8 m^2/l -6 m^2/kg
Non-volatile content	77.24%

DRYING (with CE002)

In air at 20°C

Dry to the touch	4 h
At depth	24 h

Stove-dried at 60°C

Stove enamelling at 60°C	60 min

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 literature: GES19