



Technical Data Sheet

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for professional use only

Kapci 810 Zinc Rich 2K Epoxy Primer

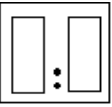
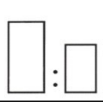

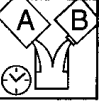


Product description

Kapci 810 is a 2K epoxy primer with high content of zinc. It delivers excellent anticorrosion properties and is especially recommended for the protection of steel surfaces being exposed to weathering without a protective coating for a certain period of time.

Substrates

Kapci 810 Zinc Rich 2K Epoxy Primer should be applied over previously sand blasted steel. To reach optimum performances, the surface should be free from contaminants and properly cleaned and degreased with Kapci 606 Degreaser.

Application

 (1:1)	Mixing ratio by volume: <table border="1"> <tr> <td>Kapci 810 Zinc Rich 2K Epoxy Primer</td> <td>Kapci 815 Hardener</td> </tr> <tr> <td>100%</td> <td>100%</td> </tr> </table>	Kapci 810 Zinc Rich 2K Epoxy Primer	Kapci 815 Hardener	100%	100%	 (2:1)	Mixing ratio by Weight 100: 50												
Kapci 810 Zinc Rich 2K Epoxy Primer	Kapci 815 Hardener																		
100%	100%																		
	Application viscosity: 27-32 s (F4/20°C)																		
	Pot life at 20°C: 10 h																		
	Stir well before application.																		
	Spraygun tips: <table border="1"> <thead> <tr> <th></th> <th>Spray Nozzle</th> <th>Inlet pressure</th> <th>Atomization pressure</th> </tr> </thead> <tbody> <tr> <td>Compliant</td> <td>1.8-2.2mm</td> <td>2 bars (26- 29 psi)</td> <td></td> </tr> <tr> <td>HVLP</td> <td>1.8-2.2mm</td> <td>2 bars (26- 29 psi)</td> <td>0.7bar (8-10 psi)</td> </tr> <tr> <td>Conventional</td> <td>1.8-2.2mm</td> <td>3-3.5 bar (45-50 psi)</td> <td></td> </tr> </tbody> </table> <p>Refer to the spray gun manufacturer's recommendation. Note: Use brush for small areas only.</p>				Spray Nozzle	Inlet pressure	Atomization pressure	Compliant	1.8-2.2mm	2 bars (26- 29 psi)		HVLP	1.8-2.2mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)	Conventional	1.8-2.2mm	3-3.5 bar (45-50 psi)	
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KAPCI
COATINGS



Pressure pot:

1.0-1.4mm

Airless:

0.50-0.70 mm (0.21"-0.28")

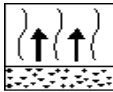
Refer to the spraying equipment manufacturer's recommendation.



Number of coats:

Apply 1-2 coats.

Dry film thickness per each coat is 50-55 microns.



Flash off time:

Approximately 10-15 min/20°C before recoating



Drying time at 20°C:

Dry to touch: 4 h

Hard dry: 13 h

Health and Safety

1. For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. Good ventilation must be provided in the working environment.