

TECHNICAL DATASHEET

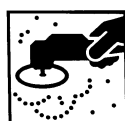
2.705.8050

2K PU PRIMER

PRODUCT DESCRIPTION

2K PU primer is a two component waterborne polyurethane light grey primer designed for protection of steel, aluminium and galvanized steel surfaces with full waterborne paint systems. It is suitable for use in moderately aggressive environments providing good resistance to water, solvents and good resistance to abrasion. 2.705.8050 PU primer has been developed to offer corrosion protection that is equal to, or better than the performance of solvent-borne coatings.

SELECTION AND PREPARATION OF SUBSTRATES



Bare steel
Aluminium
Galvanized steel

Sand

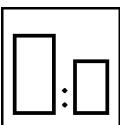
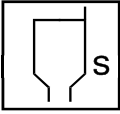

P80-120 (dry)
P240-320 (dry)
Scotchbrite (dry)



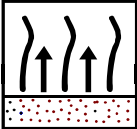
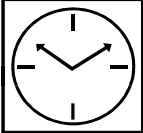
All surfaces should be thoroughly degreased using the appropriate cleaner *Degrease thoroughly prior to painting. All substrates should be free from any supports contamination such as oil, grease and rust.*

Degrease

APPLICATION GUIDE

	AIRMIX		CONVENTIONAL	
 <p>Mixing ratio (by weight):</p> <p>Mixing ratio (by volume):</p>	2.705.8050	1000	2.705.8050	1000
	9-110	200	9-110	200
	2.705.8050	4	2.705.8050	4
	9-110	1	9-110	1
<p>Thinning:</p>	<p>Thoroughly mix primer and hardener and then add:</p> <p>5-10% with water (*) (*) It is very important to thoroughly mix topcoat and hardener during 5 minutes before adding water</p>		<p>Thoroughly mix primer and hardener and then add:</p> <p>15-25% with water (*) (*) It is very important to thoroughly mix topcoat and hardener during 5 minutes before adding water</p>	
 <p>Pot life 20°C:</p> <p>Spray viscosity:</p>	2 hours		2 hours	
	17 - 18 sec DIN6 @20°C Or 70 – 90 sec DIN4@20°C		20 - 30 sec DIN4 at 20°C	
 <p>Spray gun set up:</p> <p>Spray pressure:</p>	10-11 thou tip		1.8 mm	
	90-100 bar (3.5 bar air atomization)		2-3 bar	
<p>Number of coats:</p>	1 visit (1 light/dust coat followed by 1 full coat) Or 2 medium coats to get higher film build		2 medium coats	

APPLICATION GUIDE

		AIRMIX 1 visit	AIRMIX 2 coats	CONVENTIONAL 2 coats
 <p><i>Flash off between coats:</i></p>		5 minutes at 20°C (*)	30 to 45 minutes at 20°C and until the first coat is fully matt (*)	15 to 25 minutes at 20°C and until the first coat is fully matt (*)
		30 to 45 minutes at 20°C and until the second coat is fully matt (*)	30 to 45 minutes at 20°C and until the second coat is fully matt (*)	30 to 45 minutes at 20°C and until the second coat is fully matt (*)
 <p><i>Drying times at 60°C (metal T°):</i></p> <p><i>Drying times at 20°C:</i></p>	<i>Dust free :</i>	35 to 45 minutes (*)	35 to 45 minutes (*)	35 to 45 minutes (*)
	<i>Touch free:</i>	15-20 minutes (*)	15-20 minutes (*)	15-20 minutes (*)
	<i>Handling:</i>	2-3 hours (*)	2-3 hours (*)	2-3 hours (*)
	<i>Recommended thickness:</i>	3-4 hours (*)	3-4 hours (*)	3-4 hours (*)
	<i>Overcoatable with:</i>	70-90 microns	90-110 microns	70-90 microns
	<i>Overcoat time at 20°C:</i>	2K Selemix System (7-512 and 7-110) or Selemix Aqua Topcoats	2K Selemix System (7-512 and 7-110) or Selemix Aqua Topcoats	2K Selemix System (7-512 and 7-110) or Selemix Aqua Topcoats
		After 3- 4 hours air dry or overnight as preferred option (*). If baked it can be recoated after the baking time and when substrate has cooled down	After 3- 4 hours air dry or overnight as preferred option (*). If baked it can be recoated after the baking time and when substrate has cooled down	After 3- 4 hours air dry or overnight as preferred option (*). If baked it can be recoated after the baking time and when substrate has cooled down
		(*) Drying and recoating times are related to the film thickness, temperature, relative humidity and ventilation	(*) Drying and recoating times are related to the film thickness, temperature, relative humidity and ventilation	(*) Drying and recoating times are related to the film thickness, temperature, relative humidity and ventilation

TECHNICAL DATA

Theoretical coverage: 6.6-7.6 m²/l of paint ready to use for 50µm of thickness

Storage: STORE FREE FROM FROST ABOVE 4°C.
Prolonged exposure to high temperatures or direct sources of heat should be avoided

HEALTH AND SAFETY

These products are for professional painting only, and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose.

For Health and Safety information please refer to the material Safety Data Sheet, also available at: http://www.selemix.com/selemix_MSDS

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