



SLX SELF-LEVELING EPOXY PRIMER

PRODUCT DESCRIPTION

Commercial Performance Coatings SLX Self-Leveling Epoxy Primer is a two component epoxy technology containing anticorrosive pigmentation, which can be applied to various substrates.

SLX has excellent adhesion to various substrates such as bare steel, aluminium, galvanised steel and fibre reinforced plastic.

Utilising the SELEMIX® universal tinter system, Commercial Performance Coatings SLX Self-Leveling Epoxy Primer is available in a range of colours.

PRODUCTS

Self-Leveling Epoxy Primer Mixed Colour		SLX Mixed Colour
Hardener		SLH20 Epoxy Hardener Normal SLH30 Epoxy Hardener Slow
Reducers	<i>Cold Conditions</i>	EXR10 Epoxy Reducer Fast
	<i>Normal Conditions</i>	EXR20 Epoxy Reducer Normal
	<i>Hot conditions</i>	EXR30 Epoxy Reducer Slow
	<i>Very hot conditions or large equipment</i>	EXR40 Epoxy Reducer Extra Slow EXR50 Epoxy Reducer Ultra Slow
Cleaners		971-9119 PROTEC® Metal Conditioner AA-6822 <i>Protec</i> Heavy Duty Wax & Grease Remover

SUBSTRATES & PREPARATION



Commercial Performance Coatings SLX Self-leveling Epoxy Primer can be applied over the following substrates once they have been prepared as follows:

SUBSTRATE

Cast Iron
Bare Steel
Phosphated Steel
Galvanized Steel
Light Alloys
Aluminium
Fibre Reinforced Plastic
Stainless Steel

PREPARATION

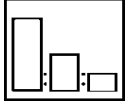
STARTLINE® P80-P120 - dry
Startline P80-P120 - dry, or shot blast
Startline Scourer
Startline P80-P120 - dry
Startline P240-P320 - dry
Startline P240-P320 - dry
Startline P240 - dry
Startline P240-P320 - dry

Surfaces showing heavy scale or surface rust should be treated with 971-9119 *Protec* Metal Conditioner. Heavily rusted surfaces should be abrasively blast cleaned.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, wax etc.

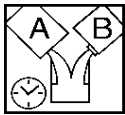
Substrates other than those stated above such as previously painted surfaces should be tested before use to ensure that the performance of this product is suitable for its intended use. If unsure of as substrates refer to your representative or the CPC Technical team.

MIXING RATIO BY VOLUME



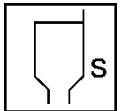
SLX Epoxy Primer mixed colour	6		
SLH	1		
Reducer	25 - 35%	(by volume)	Normal Build
	10 - 15%	(by volume)	High Build - Must be sanded

POT LIFE



Catalysed material is useable for up to 2 hours at 25°C

SPRAY VISCOSITY



CONVENTIONAL, HVLP	18 - 25 seconds (B4) at 25°C
AIRLESS, AIR ASSISTED AIRLESS	25 - 32 seconds (B4) at 25°C

SPRAYGUN



CONVENTIONAL, HVLP SETUP

- GRAVITY 1.6 mm - 1.8 mm
- SUCTION 1.8 mm - 2.0 mm

SPRAY PRESSURE

- CONVENTIONAL 2.0 - 2.5 bar (200 - 300 kPa, 30 - 36 psi)
- HVLP / RP 2 - 3 bar



AIRLESS, AIR ASSISTED AIRLESS SETUP

- TIP 0.011 - 0.013
- PUMP RATIO 32:1

SPRAY PRESSURE

- AIRLESS 100 - 140 bar
- AIR ASSISTED AIRLESS 70 - 100 bar

APPLICATION & FLASH OFF



CONVENTIONAL, HVLP

2 - 3 wet, even coats for filling and sanding

1 - 2 wet, even coats for Wet on Wet

AIRLESS, AIR ASSISTED AIRLESS

1 - 2 wet, even coats

PRESSURE POT/DIAPHRAM PUMP

Sata 1000K 1.1rp to 1.5rp

Allow 10 - 15 minutes flash off between coats at 25°C

Note: Do not apply at temperatures less than 10°C, when the relative humidity exceeds 80% or if the surface temperature is within 3°C of the dew point.

DRYING TIMES



AIR DRY (25°C)

- TOUCH DRY: 1 hour
- TACK FREE: 2 hours
- HARD DRY: 16 hours

BAKE (60°C)

40 minutes

Note: Drying times can vary dependent on temperature, flash off between coats, film builds and number of coats applied.

RECOAT



Can be topcoated with any PPG 2K direct gloss topcoat, **DO NOT** apply any Basecoat systems or single pack topcoats to this product. Recommendations are based on 25°C ambient temperature.

Can be recoated as wet on wet application after 30 minutes minimum dry time at 25°C.

If recoating after 48 hours the coating must be abraded and degreased prior to painting.

If recoating after 14 days the coating must be abraded and degreased prior to repriming.

Aged films must be free of chalk and dirt (abraded and degreased) before recoating.

TOTAL DRY FILM BUILD

50 - 100 µm

TECHNICAL PARAMETERS

VOLUME SOLIDS (RFU)

50 - 55%, depending on colour

COVERAGE

4.2 - 5.6 metres squared per litre (m²/L)

RESISTANCE PROPERTIES

WEATHERING

Poor (Requires topcoat)

ABRASION

Good

SOLVENT

Good to splash and spillage for common solvents

CHEMICAL

Good to splash and spillage for mild chemicals

HEAT

Satisfactory up to 120°C Dry Heat

IMMERSION

Not recommended

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

Hardeners and activated products contain isocyanate and therefore particular safety precautions must be taken; please refer to SDS for full health and safety details.

This product is for professional use only.
The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

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