

LUXATHANE 5160

Polyurethane Finish

Product Description

A two component acrylic polyurethane giving a high performance finish in new construction and maintenance industries.

- Long term recoatable properties
- Excellent gloss and colour retention
- Resistance to large number of chemicals and water
- Can be applied to a wide range of substrates
- High build application in a single coat.
- Confirms to BS 5493-KF2A

Designed Use

- As a topcoat for the exterior of chemical storage tanks, pipelines.
- Suitable for application on structural steel, tanks and piping for onshore and offshore facilities
- Suitable as topcoat for upto C5 Environment as per ISO12944 Part 2.

Physical Data	Volume Solids (Based on ASTM D2697)	63%+ 2%
	Typical Dry Film Thickness	75 microns
	Wet Film Thickness	125 microns
	Theoretical Coverage	8.4 m ² /litre @ 75 microns DFT
	VOC "As Supplied" (Based on ASTM D3960)	370 gms/ltr
	Colour	As per RAL/BS shade cards
	Finish	Gloss

		Method Of Application
Application Details	Airless Spray	This is the recommended method of application: Maximum 5% Thinner may be added. Tip Size: 0.43 - 0.53 mm (0.017 - 0.021 in) Pressure: 110 - 150 kg/cm ² (1600 - 2100 psi)
	Conventional Spray	This is also a suitable method of application. Maximum 20% Thinner may be added Tip Size: 1.80 - 2.20 mm (0.071 - 0.087 in) Pressure: 2.75 - 3.45 kg/cm ² (40-50 psi)
	Brush Or Roller	May be used for difficult shapes or touch-up. However, additional coats may be required to achieve the recommended film thickness.

NOTE: LUXATHANE 5160 is supplied in two separate containers. Contents must be thoroughly intermixed before use. Once mixed allow to stand for 5 – 10 minutes, this allows any aeration to settle. Unopened tins should be stored in a warm dry atmosphere away from moisture.

Drying Time

Surface Temperature	Touch Dry	Hard Dry	Re coating Interval		Pot Life
			Minimum	Maximum	
15°C	3 hours	24 hours	12 hours	Indefinite	6 hours
25°C	2 hours	12 hours	6 hours	Indefinite	3 hours
35°C	□ hour	6 hours	3 hours	Indefinite	2 hours
45°C	20 minutes	4 hours	2 hours	Indefinite	1 hour

No. of Components	Two
Mixing Ratio	7 parts base to 1 part hardener (by volume)
Application Conditions	Do not apply this product if the relative humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point

Additional Information	Thinner/Cleaning solvent	Solvalux 7-73
	Storage Instruction	Store in a cool shaded dry area
	Flash Point	Mixed 27°C
	Packaging	5 litres and 20 litres
	Shelf Life	12 months from the date of manufacture.

Surface Preparation
Steel:

- For maximum performance, this product should be applied to a surface that has been blast cleaned and suitably primed (eg., with Epilux or Zincode or Epimastic range of products).
- A build coat should be applied e.g., Epilux or Epimastic range of build/Intermediate coats.
- The underlying system should be sound and undamaged.
- All surfaces to be overcoated must be dry and free from surface contaminants.
- All wax, oil and grease should be removed by solvent cleaning in accordance with guidelines given in SSPC – SPI.
- Soluble salts, dirt and dust must be removed prior to applying the coating. Dry brushing should be sufficient. A fresh water wash must follow to remove all soluble salts.
- Always ensure maximum over coating time for the primer/build coat has not been exceeded prior to application.

Aluminium, Copper, Zinc Sprayed Steel, Galvanised Metal:

- Degrease with Berger Tool Cleaner and where practical, abrade lightly to form key.
- Pre treat with one coat of Luxaprime 1500 followed by one coat of Epilux range of primers. Then apply Luxathane 5160 as specified.

*“This Technical Data Sheet supersedes those previously issued with immediate effect
 For more information please contact us at: customerservice.oman@asianpaints.com”*

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