

TECHNICAL DATA SHEET (TDS)

LSC PU-9 FINISH

Product Description

LSC PU-9 FINISH is fast dry, single component high build alkyd solvent-based primer. It offers good operational performance including adhesion, abrasion scratches, impact, humidity condensation and splashes of mild chemicals, when applied over suitable and properly primed surfaces.

Uses

Provide a highly durable direct gloss and colour retention topcoat finish for interior and exterior. Suitable to apply on steel structure, bridge, transmission tower, ceramic and metal roof.

Composition

Pigment : Organic and inorganic pigments
Binder : Acrylic polyol and aliphatic polyisocyanate
Solvent : Combination of glycol ether ester and hydrocarbon

Physical Characteristics of the Paint:

Density : 1.23 – 1.29
Volume Solid : 65 ± 5%
Viscosity : 65 ± 5 KU at 30°C
Theoretical Coverage : 8 – 11 m²/litre
Colour : 22 Colours + Clear Top Coat + Clear Primer + Light Grey Primer

Coating Properties:

Recommended Dry Film Thickness	: 50 - 70 microns per coat
Recommended Wet Film Thickness	: 80 - 125 microns per coat
Recommended Numbers of coat	: Two
Recommended coating system	: Epoxy Primer / Epoxy Finish Colour
Drying Time	: Touch Dry – 20 minutes, Dry to handle – 2 to 3 hours
Recoating interval	: At least 8 hours
Curing Time	: 24 hours

Surface Preparation:

Previous painted surface and bare substrate must be completely dry and free from rust, mill-scale, dirt, grease and other contaminants before painting. For maximum adhesion and durability of paint performance, all bare surfaces should be prepared by means of sand paper, hand tools, power tools and etc.

Application Method:

Method of Application	: Brush, roller, and spray application.
Product Preparation	: Stir mixture thoroughly before use. No thinning is required. However, 10% of thinner can be added for workability.
Pot Life (at 30°C)	: No pot life limit.

Safety Precaution:

1. This product is flammable.
2. Keep away from sources of ignition.
3. Keep container tightly closed and keep out of reach of children.
4. Wear suitable personal protective clothing during painting.
5. Ensure adequate ventilation. Do not breathe or inhale spray mist.
6. Do not apply when the relative humidity exceeds 85%.
7. Avoid skin and eye contact. Spillage on skin should be removed immediately with cleanser, soap and water. Eye should be well flushed with water and seek medical advice immediately if discomfort persists.