



Classic Enterprises

IMPORTERS & EXPORTERS

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TECHNICAL DATA SHEET PACK ACRYLIC ALIPHATIC PU FINISHING COATING

PRODUCT DESCRIPTION	Two component air drying Acrylic Aliphatic Non Yellowing type polyurethane finish/ coating
INTENDED USES	This product is recommended as topcoat with suitable primers & undercoats where high performance is required. This product can be used in High Chemical & Saline atmosphere for better aesthetics and corrosion resistance. It is recommended for Chemical Plants, Petrochemicals & Pharmaceutical Complexes, structural material such as FRP, Structural foams & many other plastics, Cement & Steel Plants, Smelters, Transportation Industries, Infrastructure Projects, wood etc .Also recommended as a topcoat for premium OEM equipment painting.
PROPERTIES	This product has excellent gloss and colour retention properties against ultraviolet rays and weathering. It also possesses excellent flexibility, also gives excellent water and humidity resistance with non-yellowing properties.

PHYSICAL DATA

COLOUR	All RAL shades
FINISH	Glossy / Semi glossy / Matt
SOLIDS BY VOLUME	40±3%
THEORITICAL COVERAGE	13.33 sq.mt/ltr at recommended DFT of 30µ
FLASH POINT	Base: 23 ⁰ C; Hardener: 23 ⁰ C; Mixed: 23 ⁰ C
DRYING CHARACTERISTICS	Surface dry: 20-30 Minutes; Hard dry: 24 Hours; Full cure: 7 Days (At 30 ⁰ C and 65% Relative humidity)
SHELF LIFE	Base: 9 months; Hardener: 9 Months At 25 ⁰ C

APPLICATION DATA

MIXING RATIO	Base: Hardener – As per our recommendation
MATURATION TIME	5 – 10 minutes
POT LIFE	6 hours at 30 ⁰ C
APPLICATION	By Brush / By Air spray /By Airless spray
THINNER	Our Recommended Thinner
RECOMMENDED DFT	30-35 µ per coat
CORRESPONDING WFT	75-88 µ per coat
OVERCOATING INTERVAL	MIN: 8 hours; MAX: 24 hours If exceeds, the surface should be roughened by emery scuffing.

COMPATIBILITY	Can be applied over recommended Epoxy and Polyurethane primers, Intermediate coats and Top coats.
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SURFACE PREPARATION

This being a top coat which is applied over underneath or intermediate coats, the surface should be free from oil, moisture, dust and dirt. Aged coating should be roughened by emery paper grade 220. For better bonding, all surface should be clean, dry and free from contamination.

HEALTH & SAFETY

We recommend use of Proper Outfits, Goggles, Masks & Ventilation.

APPLICATION METHOD

Mix as per Recommended Formula. Mix Thoroughly. Apply Brush / Air Spray or Airless Spray as required.

For Air spray application:

Addition: 10-15%

Nozzle Orifice: 1.2 - 1.4 mm

Nozzle Pressure: 40-70 psi

For Airless spray application:

Addition: Max 5%

Nozzle Orifice: 0.28 mm

Nozzle Pressure: 1400-1800 psi.

ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in Data manual.

NOTES

Clean equipments after use with recommended thinner, store in a cool place with air tight packing.

DISCLAIMER

This data sheet is for information only.