

2K

Polyurethane



WEATHER RESISTANT AND LONG-TERM DURABLE COATING

At Chemilac, we have formulated our 2K Polyurethane topcoats to withstand high levels of wear and tear in outdoor and harsh conditions. These products have very good resistance against weathering and have excellent gloss retention property and provide a chemical resistant long-term durable coating

These coatings can be applied on a wide variety of substrates such as metals and plastics and are used in many industries primarily in the agricultural, construction and automotive industry.

PRODUCT BENEFITS

- Outstanding Appearance
- Strong long term weathering
- Broad range of gloss & finish options
- Can be customized to meet exact brand requirements
- Broad range of colors available with exact color match
- Simple mix ratio
- Excellent impact and mar resistance prevents abrasions, cracking & chipping
- Excellent color & gloss retention without the use of an additional clear coat
- Excellent adhesion to multiple substrates
- Can be air dried or baked

PRODUCT PROPERTIES

Color	Custom Colors or as per RAL or Pantone Shade cards
Finish	Glossy, Semi Glossy & Matt
Application	Cold or Hot Rolled Steel, Plastics, Fiberglass

PERFORMANCE PROPERTIES

Pencil Hardness (ASTM D3363)	Min H
Adhesion (ASTM D3359)	5B
Flexibility (ASTM D522)	Maximum Elongation
Impact Resistance (ASTM D2794)	Min 30 Kg/cm
Humidity Resistance (ASTM D1735)	Excellent
Water Resistance (ASTM D870)	Excellent
Salt Spray Resistance (ASTM B117)	Up to 700 Hrs *
Weathering Resistance (ASTM G155)	1200 Hrs
Chemical Resistance	Excellent resistance to alkali, acids, oils and solvents

* These results were obtained over Iron Phosphated-treated CRS panels primed with 2K Epoxy Primer.

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Coating Technology For the Next Generation