

Viking Paints, Inc.

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PRODUCT & TECHNICAL DATA SHEET

PRODUCT LINE

VIKRON

PRODUCT NAME

VIKRON POLYURETHANE ENAMEL

MANUFACTURER

Viking Paints, Inc.

DESCRIPTION

Vikron Polyurethane Enamel represents the best in acrylic urethane technology. A hybrid polymeric blend of polyester and acrylic resins, Vikron offers outstanding chemical resistance, flexibility, and gloss retention.

BASIC USES

Top coating.

STANDARDS

Reverse Impact: 100 in/lbs
Forward Impact: 100 in/lbs
Pencil Hardness
H-cross hatch adhesion: 100%
Flexibility
Mandrel (1/8"): 50%

GLOSS RETENTION

Miami, Florida:

	5° South Washed	5° South Unwashed	45° South Washed	45° South Unwashed
Initial	95	95	95	95
1 Year	93	75	85	75
18 Months	82	68	79	68
2 Years	75	58	70	60

QUV Accelerated Weatherometer (OV-313 Bulb):

	60°	20°
Initial	95	91
400 Hours	95	91
900 Hours	93	77
1200 Hours	87	61
1600 Hours	74	56
2000 Hours	69	51
2400 Hours	60	45

CHEMICAL RESITANCE

Vikron produces excellent resistance to stains. The following chemicals produced no effect when exposed to a test panel for the specified time:

	<u>Time</u>
40% NaOH	24 Hours
40% H2SO4	24 Hours
Xylol	4 Hours
Gasoline	4 Hours
Skydrol 500 B	No Effect
Ethanol	4 Hours
Salt Water	1000 Hours

NOTE: All tests performed on Bonderite 1000 clean steel, 3 mil. thick, aged 30 days.

TECHNICAL DATA

Part A (Resin):	Hybrid Polymer
Part B (Catalyst):	Mixed Polyisocyanates
Percent Solids:	56.61% (before thinning) 45.29% (after thinning)
V.O.C.:	307.20g/l

SURFACE PREPARATION

The surface should be primed, and must be clean and free from dirt, dust, grease, rust, and scale.

**MIXING
INSTRUCTIONS**

Vikron is a two-component product, mixed three to one. Combine three parts paint to one part catalyst. Add one part solvent to thin. No induction period is required.

APPLICATION

Apply thinned Vikron using a light tack coat. Wait 15 minutes and apply a medium wet coat. Wait 15 to 20 minutes and apply one more medium wet coat. This should build a dry film of 2.5 to 3 mils.

CURE SCHEDULE

Tack Free:	45 min.
Print Free:	6 hrs.
Fully Dry:	24 hrs.

PACKAGING

1-gallon kits contain 3/4 gallon Vikron and 1/4 gallon (1 quart) catalyst. Larger quantities are also available.

MAINTENANCE

None

WARRANTY

The manufacturer warrants all materials to be free from defects and in accordance with testing procedures noted. We will replace any defective material at no cost within a period of one year, when applied according to our specifications. No other warranties are implied or intended. The manufacturer may also provide a written warranty to qualified contractors, or an extended warranty when required by a consulting engineer.