

**PRODUCT DESCRIPTION**

**Flexline** is a multi-purpose, two component, elastomeric polyurethane coating for interior and exterior use. It has good gloss and color retention. Flexline can be used over rubber surface due to its high flexibility.

**PRODUCT FEATURES**

- Excellent flexibility
- First class penetration and adhesion on concrete
- High Quality U.V. resistance
- Excellent adhesion to rubber and PVC
- Excellent abrasion resistance
- Good weathering

**TYPICAL USES**

- Trucks, railcars, and locomotives (transportation)
- Heavy duty equipment
- Tanks, pumps, transformers
- Storage tanks and reservoirs
- Wood and concrete
- Top coat for playgrounds, track and field applications and synthetic surfaces

**TECHNICAL DATA**

<b>Colors available:</b>	Available in several colors	<b>Drying times:</b> (23°C 77°F)	
<b>Gloss:</b>	<b>Available in Gloss &amp; Semi-Gloss</b>	<b>Dust Free:</b>	4 - 6 hours
<b>* Solids by volume:</b>	40 % +/- 2 %	<b>To recoat:</b>	4 hours
<b>* Solids by Weight:</b>	51 % +/- 2 %	<b>Hard:</b>	24 hours
<b>Theoretical Coverage of 1 mil:</b>	676 ft <sup>2</sup> / U.S gallon	<b>Pot Life:</b>	3 hours @ 22°C (72°F)
<b>D.F.T. at 25 microns:</b>	63 m <sup>2</sup> / 3.78 litres	<b>Reduction solvent:</b>	UC-500 Regular UC-502 Slow
<b>Recommended D.F.T. mils:</b>	1.5 – 2.0	<b>Dilution:</b>	10 - 15 % by volume
<b>Dry film thickness microns:</b>	37.5 - 50	<b>Catalyst:</b>	915008
<b>Viscosity:</b>	75 - 90 ku	<b>Ratio:</b>	4:1
<b>* Specific gravity</b>	1.19 - 1.26 kg/lit	<b>Packaging:</b>	3.78 litres (1 U.S gal.) on request 15.14 litres ( U.S gallon)
<b>Flash Point:</b>	26°C (78.8°F)		
<b>V.O.C.:</b>	521 grams/litre 4.34 lbs / US gal.		

\* Data may vary according to colors

Keep in cool and dry area  
\*revised on February 16,  
2009

**APPLICATION GUIDE**
**SURFACE PREPARATION**

Prior to surface preparation, remove all grease, oil, salts and moisture. Round off rough welds and sharp edges and remove weld spatter. After surface preparation, vacuum or remove dust and ensure the surface remains clean before painting. This product is normally applied over previously primed surfaces such as **Polyur industrial primers**.

**Note: XP MR-92 Epoxy Primer is most commonly used.**

**MIXING AND THINNING**

The entire contents of container must be mixed well before application. Thinning up to 15 % can be done if required.

**NOTE: Drying times will vary depending on solvent combination used.**

**APPLICATION PROCESS**

			* RECOATING TIME		
			Minimum	Maximum	Normal
Substrate temperature	Dust free	Hard			
25°C (72°F)	4 - 6 hours	24 hours	* 4 hours	48 hours	12 hours
			** 10 hours		

\* **Application: Spray application**

\*\* **Application: Brush and roller**

<b>Conventional spray:</b>	Manual spray gun:	De Vilbiss JGA -510, MBC-510 (or equivalent)
	Fluid Nozzle:	"E" Fluid tip
	Air Cap:	704 or 765 (or equivalent)
	Atomizing Air:	45 - 75 lbs
	Fluid Pressure:	40 – 60 psi
	Hose:	½ inch, 50 ft length maximum

**PHYSICAL PROPERTIES**

**Taber Abrasion Test:** (ASTM D-4060)  
 1 KG. load / 1000 cycles, CS – 17 wheel  
 Weight loss 36 mg  
 Different gloss may affect result

**Conical Mandrel:** (ASTM D 522)  
 > 32 % Elongation

**Impact resistance:** (ASTM D2794)  
 Direct: > 160 inches - lb 18 joules  
 Indirect: > 160 inches - lb 18 joules

**PRODUCT LIMITATIONS**

- Shelf life: 12 months

**See the material safety data sheet and product label for complete safety and precaution requirements.**

**DISCLAIMER:**

"The following is made in lieu of all warranties, expressed or implied: Manufacturer's obligation shall be to replace such quantity of the product proven to be defective. The manufacturer shall not be liable for any injury, loss or damage, direct or incidental or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. All values shown are approximations. Values indicated are for guide purposes only, as actual values can change due to application conditions, application methods, environmental conditions etc. The information contained herein is subject to change without notice. Consult your representative for a current data sheet. The foregoing may not be altered except by an agreement signed by the officers of the manufacturer."

**Chemical resistance information is currently being updated according to ASTM standards Please contact your local representative for an update.**