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## PERMCOAT™

### Product Information

**PRODUCT DESCRIPTION:** PERMCOAT™ is a two-component, aromatic polymeric spray elastomer. This 100% solids, **NON VOC**, plural spray system provides an abrasive and chemical resistant, monolithic membrane which will cure in seconds. High film builds can be obtained in a single application. The cure response of this system is consistent year round regardless of temperature and humidity variations.

#### **WET PHYSICAL PROPERTIES:**

	<b><u>PART A</u></b>	<b><u>PART B</u></b>
Percent solids	100%	100%
Density (wt/gal)	9.33	8.35
Specific gravity	1.12	1.00
Viscosity (cps) @ 75F	1000-1500	700-900

#### **PROCESSING PROPERTIES:**

Ratio by Parts	100	82
Ratio by Weight	1.2-1.25	1.0
Ratio by Volume	1.0	1.0
Index	1.01-1.1	
Processing Temperature (F)	170	150
Processing Viscosities (cps)	300-500	150
Dispensing Pressure (psi)	1500-2000 Depending on type of equipment	
Gel Time (seconds)	5-45 Depending on formula	
Tack Free Time (seconds)	25-180 Depending on formula	

#### **DRY PHYSICAL PROPERTIES:**

Tensile Strength, psi (ASTM D688)	1500-3300
Elongation, %	125-1000
Tear Strength, pli (ASTM D1004)	350-800

Shore Hardness	90A-70D
Abrasion Resistance, mg. wt. loss, (1000 rev, 1000 gm Wt, H-18 wheel)	200-350

**Note:**

This polymeric elastomer is an aromatic polymer and will color fade to extended UV exposure and is not warranted against color fade.

**\*\*Color fast formulations are available as well as fire rated products.**

The information on this data sheet is to assist customers in determining whether this product is suitable for their application. The customer must satisfy themselves as to the suitability for specific cases. International Coatings, LLC warrants only that the material shall meet its specifications; this warranty is in Lieu of all other written or unwritten, expressed or implied warranties and International Coatings LLC, expressly disclaims any warranty of merchantability, fitness for a particular purpose, or freedom from patent infringement. Accordingly, buyer assumes all risks whatsoever as to the use of the material. Buyer's exclusive remedy as to any breach of warranty, negligence, or other claim shall be limited to the purchase price of the material. Failure to adhere strictly to any storage or processing parameters shall relieve International Coatings LLC of all liability with respect to the material or the use thereof.