



<b>PERFORMANCE CRITERIA</b>	Page: 1 of 1
	US Revision: 0
<b>RD-ELASTOWRAP AB</b>	Date: 05/14/2018
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	<b>WE6</b>

**CHEMICAL RESISTANCE**

METHOD: ASTM D1308 - Solution put next to chemical, below chemical.

CHEMICAL: 5% Sodium Hydroxide (NaOH) Solution

RESULT: 1 Hour of Contact Time: Trace softening and color changes recovered after 1 hour.  
 24 Hours of Contact Time: Trace softening recovered after 5 hours.  
 Trace of color changes recovered after 1 hour.

CHEMICAL: 5% Hydrochloric Acid (HCl) Solution

RESULT: 1 Hour of Contact Time: Trace softening recovered after 1 hour.  
 24 Hours of Contact Time: Trace softening recovered after 5 hours.

**CRACK BRIDGING**

METHOD: ASTM-D1305 – After 10 Cycles at 9.4°C / 15°F

RESULT:	<b><u>Reinforced</u></b>	<b><u>Non-Reinforced</u></b>
	Cracking – None	Cracking – None
	Loss of Adhesion - None	Loss of Adhesion - None

**RESISTANCE TO WIND-DRIVEN RAIN**

METHOD: ASTM-D6904

RESULT: **Weight Gain** - 0.04 lbs. (0.7 ounces)

**TENSILE STRENGTH & ELONGATION**

METHOD: ASTM D412 – Tensile Strength Properties of Rubber and Elastomers

RESULT:	<b><u>Peak Tensile Strength</u></b>	<b><u>Elongation at Break</u></b>
	Reinforced – 1,030psi	Reinforced – 150%
	Non-Reinforced – 210psi	Non-Reinforced – 380%

**WATER IMMERSION RESISTANCE**

METHOD: ASTM-D870 – Panels are immersed in demineralized water at room temperature.

RESULT: 30 Days

**WATER VAPOR TRANSMISSION**

METHOD: ASTM-D1653 – Water transmission of organic coating films. Test method B, wet cup method, condition A.

RESULT: Water Vapor Transmission Rate (WVT): 4.9 grains/ft<sup>2</sup>/hr.; 82.3 grains/m<sup>2</sup>/24hrs  
 Water Vapor Permanence (WVP): 12.8 perms or 8.5 metric perms