

	<b>EverGuard® TPO FB Ultra 80 mil</b>
<b>12</b>	
<b>1213-CPD-4967</b>	<b>"Proposal for GAF"</b>
<b>EN 13956</b>	

**TPO Flexible waterproofing sheet, polyester reinforced (internal fabric).**

**APPLICATION:** Exposed sheets for mechanically fastened roof or exposed sheets for adhered roof or covered sheets for gravel ballasted roof.

<b>Property/Characteristic</b>	<b>Test Method</b>	<b>Units</b>			
Visible Defects	EN 1850-2		PASS		
Width	EN 1848-2	meters	3.05	+/- 5%	
Length	EN 1848-2	meters	30.6	+/- 1%	
Straightness	EN 1848-2	mm	≤15		
Flatness	EN 1848-2	mm	≤35		
Effective Thickness	EN 1849-2	mm	1.91	+/- 5%	
Tensile Strength:					
<i>Machine Direction (MD)</i>	EN 12311-2	N / 50 mm	>1500		
<i>Cross Machine Direction (CD)</i>	EN 12311-2	N / 50 mm	>1500		
Elongation:					
<i>Machine Direction (MD)</i>	EN 12311-2	%	>30		
<i>Cross Machine Direction (CD)</i>	EN 12311-2	%	>25		
Dimensional Stability:					
<i>Machine Direction (MD)</i>	EN 1107-2	%	<-0.4%		
<i>Cross Machine Direction (CD)</i>	EN 1107-2	%	<-0.3%		
Joint Strength:					
<i>Peel Resistance</i>	EN 12316-2	N / 50 mm	>450		
<i>Tensile Shear Resistance</i>	EN 12317-2	N / 50 mm	>1200		
Resistance to Tearing:					
<i>Machine Direction (MD)</i>	EN 12310-2	N	>750		
<i>Cross Machine Direction (CD)</i>	EN 12310-2	N	>550		
Watertightness	EN 1928 Method B		PASS		
Resistance to Impact	EN12691 Method A Method B	mm	1250 2000		
Foldability at Low Temperature	EN 495-5	-40°C	PASS		
Fire Properties	EN 13501	Class	<b>B<sub>ROOF</sub> (t1)</b>		



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