ASTM D5206 - Standard Test Method for Wind Load Resistance of Rigid Plastic Siding

XCEED Siding Allowable Design Pressures [1]							
Product	Profile		Fastener Description	OC Spacing	Substrate	Design Pressure	MPH
	Exposure Width	Nominal Thicknes					
Horizontal Lap Siding	4-1/2"	0.210"	10 ga. x 2" Long, 5/16" Head Diameter Ring Shank Roofing Nail	16"	Each Fastener penetrating through 1/2" OSB sheathing and penetrating a framing member a minimum of 1-1/4"	125 psf [2]	220
			#8 x 2" Long, 5/16" Washer Head Diameter Wood Screw	16"	Each Fastener penetrating through 1/2" OSB sheathing and penetrating a framing member a minimum of 1-1/4"	150 psf [2]	242
			#8 x 2" Long, 7/16" Head Diameter Modified Truss Head Self Tapping Metal Screw	16"	Each Fastener penetrating through 1/2" OSB sheathing and penetrating a framing member a minimum of 1-1/4"	150 psf [2]	242

[1] A PEF (pressure equalization factor) was not applied to reduce the required test pressure

[2] Testing terminated prior to XCEED failure due to framework and substrate mechanical failure limits