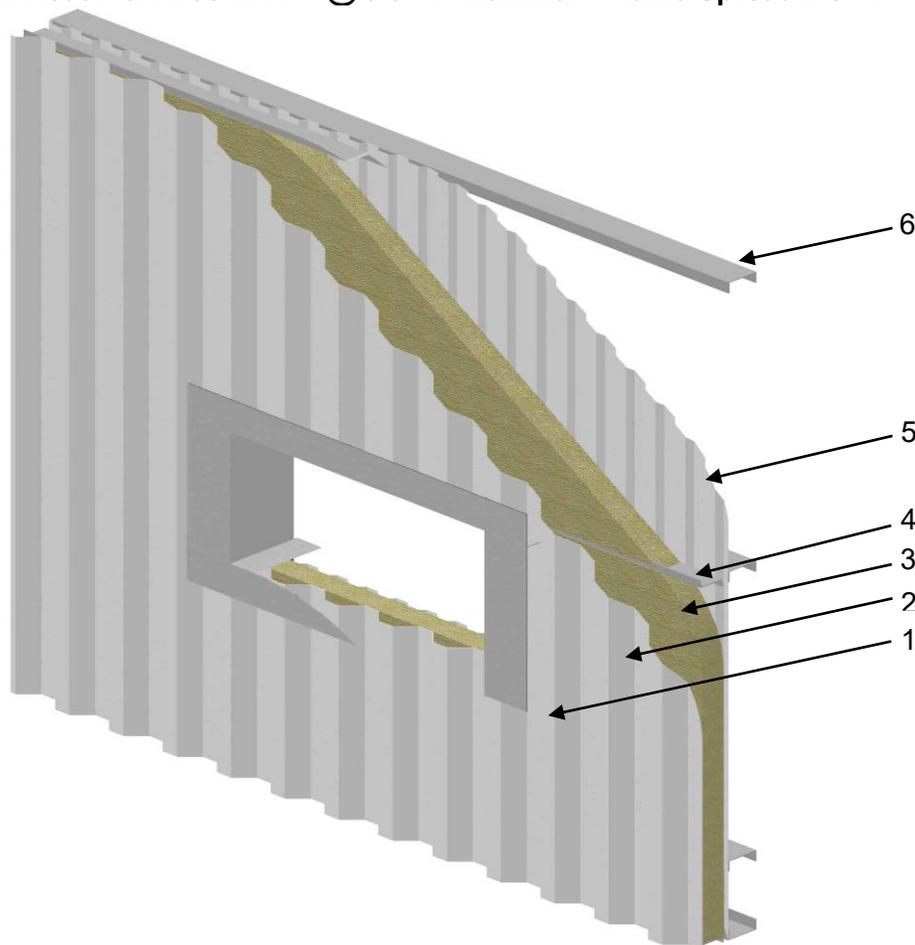




QAI Design B1071-1 – Stabilit America, Inc. (dba Resolite) - Resolite Panel Assembly  
CAN/ULC S134 - Exterior Rain Screen Assembly for Non-Combustible Construction  
Maximum Heat Flux ≤ 35 kW/m<sup>2</sup> @ 3.5 m / Maximum Flame Spread ≤ 5 m



No.	COMPONENT	DESCRIPTION
1	Flashing	As per installation requirements
2	Exterior Cladding Panel	Certified Manufacturer: Stabilit America
		Certified Panel: Resolite Fiberglass Reinforced Plastic (FRP) Panel per QAI listing.
		Panel Weight: Maximum 5.2 kg/m <sup>2</sup> (17 oz./ft <sup>2</sup> )
		Fasteners: Minimum #14 x 51 mm (2 inch) Self-Taping Hex Screws with neoprene gasketed stainless steel washers spaced per wind load requirements
		Horizontal Overlap: Maximum 83 mm (3-1/4 inch) overlap with SB-2 Grommet fasteners vertically every 457 mm (18 inch) o.c.
	Vertical Overlap: Maximum 102 mm (4 inch) panel overlap	
3	Insulation	Product: Minimum 76 mm (3 inch) thick mineral wool insulation conforming to ASTM C612
		Minimum Density: 64 kg/m <sup>3</sup> (4 lbs/ft <sup>3</sup> )
		Installation: Friction fitted between the horizontal "Z" girts (item 4)
4	Rail	Type: Steel "Z" bar
		Gauge: 18 ga
		Size: Depth equivalent to the insulation thickness and sized as per wind load requirements
		Rail Spacing: Maximum 1525 mm (60 inch) spacing or as per wind load requirements
		Fastening: Fastened along the exterior of the interior cladding (item 2) and into the C-Channel (Item 6) with minimum #14 x 51 mm (2 inch) Self-Taping Hex Screws with stainless steel washers having integral bonded neoprene gaskets spaced per wind load requirements
5	Interior Liner Panel	Certified Manufacturer: Stabilit America
		Certified Panel: Resolite Fiberglass Reinforced Plastic (FRP) Panel
		Panel Weight: Maximum 5.2 kg/m <sup>2</sup> (17 oz./ft <sup>2</sup> )
		Fasteners: ¼-14 x 25 mm (1 inch) Type B (3/8 HH) 304 SS fasteners with neoprene gasketed stainless steel washers spaced per wind load requirements
		Horizontal Overlap: 76 mm (3 inch) panel overlap
	Vertical Overlap: 102 mm (4 inch) panel overlap	
6	Rail	Type: Steel C-channel
		Gauge: 18 ga
		Details: Size, spacing and fasteners as per wind load requirements