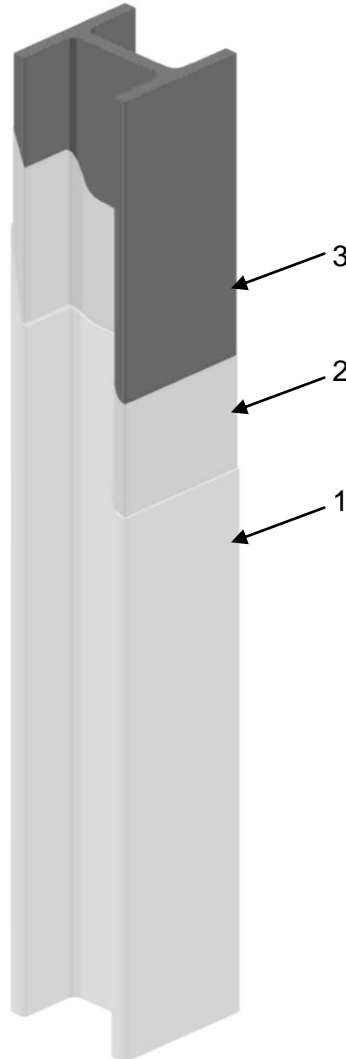


**QAI Design B1077-1a – FlameOFF Coatings, Inc. – Fire Barrier Paint – ASTM E119/CAN/ULC S101
 2 Hour Protective Membrane for Load-Bearing Wide Flange Steel Columns**



No.	COMPONENT	DESCRIPTION	
1	Protective Membrane	Certified Manufacturer: FlameOFF Coatings, Inc.	
		Certified Product Name: Fire Barrier Paint	
		Membrane Type: Water-Based Intumescent Coating	
		Application: Roller, Brushed or Spray	
		Wet Film Thickness (WFT):	Maximum per coating application: Refer to manufacturers installation instructions Total WFT per column: 140 mils
		Dry Film Thickness (DFT):	Average Coating Thickness per column: 95 mils Tolerance of coating: ±15 mils
2	Primer	Type: Alkyd Metal Primer, with a minimum bond strength of 7,000 psf (335.3 kN/m ²) when tested in accordance with ASTM E736	
		Approved Primers: Sherwin Williams Kem Bond [®] HS Universal	
		Wet Film Thickness (WFT): 3-5 mils	
		Preparation: Steel must be free of dirt, loose scale and oily deposits	
3	Approved Wide Flange Steel Column	Minimum Column Size: W10x100 (Metric - W250x149)	
		Minimum W/D Ratio: 1.63	
		Steel Preparation: Sand blasted, sanded or degreased	

Note:

W = Weight of the column section (lbs/ft)

D = Heated perimeter of the column section (in)

Dry Film Thickness (DFT) outlined shall be determined using the methods prescribed in AWCI Technical Manual 12-B