




The Comparison

Testing

	US Fireproofing FireStop ™	International Cellulose K-13
ASTM E 136	UL Listed - Non-combustible	Combustible, Class 1, Class A Flame Spread rating per ASTM E-84, UL-723, NFPA-255 and UBC-42
Flame Spread	5	5
Smoke Index	0	5
ASTM C 518	4.14 per inch	3.8 per inch
ASTM C 553 (Moisture Absorption)	pass	?
ASTM E 736 (Cohesion/Bond Strength)	> 225 psf	> 100 psf
ASTM C 665 / ASTM C 739 (Corrosive)	non-corrosive	non-corrosive
ASTM C 739 (Smoldering Combustion)	pass	?
ASTM E 759 (Deflection)	6" Deflection in 10' Span - No Spalling or Delamination	6" Deflection in 10' Span - No Spalling or Delamination
ASTM E 859 (Air Erosion)	.1g	?
ASTM C 1338 (Mold & Fungus Resistance)	pass	?
NVLAP accredited lab	yes	Yes
ASTM C 423 (NRC) 1.5" on solid backing	.85	.75
ASTM C 423 (NRC) 3" on solid backing	1.1	1

Equal to or better performance over comparison