


Contractors guide to FRP v FlameStar v PVC

Technical document for corrosive environments.

<i>Application Comparison</i>	Vinylester Resin Duct	FlameStar 	Factory Mutual PVC
ASTM-1 E-84 Class 1 flame inside without fillers & coatings	✓	✓	✓
ASTM-1 E-84 Class 1 flame outside without fillers & coatings	✓	✓	✓
ASTM-1 E-84 Class 1 smoke inside without fillers & coatings		✓	
ASTM-1 E-84 Class 1 smoke outside without fillers & coatings		✓	
ASTM-1 E-84 Class 1 smoke outside with coatings	✓		
Exceeds FM fire ratings		✓	
Meets VE resin corrosion resistance	✓		
FM-4922 approved			✓
FM-4910 approved		<i>Exceeds</i>	

VE resin duct is the best for corrosion resistance and strongest physical properties.

FlameStar™ is best for fire and smoke ratings and moderate corrosion resistance.

FM-PVC is the choice if FM-4972 is the key concern, good corrosion, moderate physical properties. FM-PVC does not meet the smoke ratings.



Technical support estimators available to read and interpret application and spec.

Phone: (208) 777-7444, Website: www.spunstrand.com