

Testing Summary

Fire Testing

TEST	SPECIFICATION	RESULT
Tunnel Test	ASTM E84	Sample passed the test with Flame Spread Index = 0; smoke developed index = 0.
Non-Combustibility in Building Materials	ASTM E136	Mitrex sample passed the test requirements. There was no visible smoke or flame. The sample did not have a maximum temperature rise of more than 96.8°C on the indicating thermocouple. The samples did not lose more than 20% of their original mass.
Multi-Story Fire Test	NFPA 285	Passed.

Fire Endurance Tests of Building Construction and Materials	ASTM E119	1hr Fire Exposure – The Mitrex Material did not affect the fire rated wall assembly.
Standard Method Fire Test of Exterior Wall Assemblies	S134	Passed.
Fire Classification of Construction Products and Building Elements	EN13501	Rating: A2-s1,d0