

Fire Test Certificate

Friday, September 19th, 2014

Supplier: Ductmate Industries Inc. (U.S.A.)

Sample Description: PROseal

Date Tested: September 2014 (Tested by FORAY Laboratories – NATA Accreditation 1231)

Test Method: AS 1530.3: “Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release” where the sealant was coated onto a cement sheet substrate prior to testing.

Test Data:

	Standard Error	Mean
Ignition time (min)	0.18	7.98
Flame propagation time (sec)	Nil	Nil
Heat release integral (kJ/m²)	2.4	60.7
Smoke release, log(d)	0.0500	-1.2696
Optical density, d (m-1)	n/a	0.0555
Number of specimens ignited		6
Number of specimens tested		6

Regulatory Indices	
Ignitability Index	12 (Range 0-20)
Heat Evolved Index	2 (Range 0-10)
Smoke Developed Index	3 (Range 0-10)
Spread of Flame Index	0 (Range 0-10)

Notes	<p>These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.</p> <p>Each test specimen was clamped in four places.</p> <p>Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.</p>
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