



September 1, 2015

Subject: Bayseal® SPF ASTM C 1029 Classifications

To Whom It May Concern:

This letter is to confirm the ASTM C 1029 rating for Bayseal® SPF systems.

These materials have typical values shown below:

Property	Test Standard	Bayseal® OC	Bayseal® OCX	Bayseal® Closed Cell	Bayseal® 2.7	Bayseal® 3.0
Density	ASTM D-1622	0.5 pcf (nom.)	0.6 pcf (nom.)	2 pcf (nom.)	2.7 pcf (nom.)	3.0 pcf (nom.)
Thermal Resistance	ASTM C-518	3.7 °F-ft2-hr/BTU	3.9 °F-ft2-hr/BTU	6.9 °F-ft2-hr/BTU	6.4 °F-ft2-hr/BTU	6.4 °F-ft2-hr/BTU
Compressive Strength	ASTM D-1621	na	na	25 psi	45 psi	50psi
Water Vapor Permeability	ASTM E-96	21 perm-in	33 perm-in	1 perm-in	1 perm-in	1 perm-in
Water Absorption	ASTM D-2842	na	na	< 2%	< 2%	< 2%
Tensile Strength	ASTM D-1623	> 3 psi	> 6 psi	60 psi	80 psi	90 psi
Dimensional Stability	ASTM D-2126	< 15%	< 15%	< 9%	< 5%	< 5%
Closed Cell Content	ASTM D-6226	na	na	> 90%	> 90%	> 90%
Open Cell Content	ASTM D-2856	> 90%	> 98%	na	na	na
Surface Burning Characteristics	ASTM E-84	< 25 FSI < 450 SDI	< 25 FSI < 450 SDI	< 25 FSI < 450 SDI	< 75 FSI < 450 SDI	< 75 FSI < 450 SDI
ASTM C 1029 Type	ASTM C-1029	na	na	Type II	Type III	Type III

Sincerely,

Richard R. Romero
Covestro LLC - Spray Insulation & Roofing Material

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