



January 15, 2021

Attention: Dow Silicones Corporation Customer

Re: Sealant Certification for: **DEFENDAIR™ 200C Air and Weather Barrier Coating**

Thank you for your inquiry regarding DEFENDAIR™ 200C Air and Weather Barrier Coating. DEFENDAIR™ 200C Air and Weather Barrier Coating is a 100% silicone liquid applied, permeable, air and water barrier offering long term UV resistance and ease of application.

Typical properties include:

Test	Property	Unit	Result
ASTM E2178	Air Permeance	Cfm/ft ²	<0.0003 @ 1.57 psf
ASTM E2357	Assembly Air Leakage	Cfm/ft ²	<0.000007 @ 1.57 psf
ASTM E96	Water Vapor Permeance Method A Method B	US Perms	10.1 26.6
ASTM E84	Flame Spread Smoke Developed		5 115 NFPA Class A, UBC Class 1
ASTM D4541	Pull Adhesion Concrete Fiberglass sheathing	psi	>120 >40 (substrate sheathing)
ASTM D412	Tensile Strength Elongation	Psi %	>200 650
UV Exposure/Resistance	5000 hr exposure in cyclic QUV conditions		No change
ASTM D2243	Freeze-thaw resistance		No change

On behalf of Dow Chemical Company, we appreciate your business and your commitment to silicone technology. If you have any further questions, please feel free to contact us.

Sincerely,

Dow Silicones Corporation
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