



June 1, 2024

Attention: Dow Silicones Corporation Customer

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

DEFENDAIR™ 200C Air and Weather Barrier Coating is a water-based, 100% silicone, fluid-applied, vapor-permeable, air and weather barrier offering high temperature resistance, long term UV resistance, ease of application and it has been ABAA Evaluated per ABAA S0008 Standard for Air and Water-Resistive Barriers.

Typical properties include:

Test	Property	Unit	Result
ASTM E2178	Air Permeance – over CMU	cfm/ft ²	<0.0002 @ 1.57 psf
ASTM E2178	Air Permeance – over gypsum sheathing with 48#12 SDS fasteners	cfm/ft ²	<0.0005 @ 1.57 psf
ASTM E2357	Assembly Air Leakage	cfm/ft ²	<0.0023 @ 1.57 psf
ASTM E96	Water Vapor Permeance Procedure A Procedure B	US Perms	7 29
ASTM E84	Flame Spread Smoke Developed Rating		15 170 NFPA Class A, UBC Class 1
ASTM T0002	Pull Adhesion DensGlass exterior gypsum sheathing OSB (APA Exposure 1, smooth side) CMU (medium density)	psi	45 81 143
ASTM D412	Tensile Strength Elongation	psi %	197 669

On behalf of Dow, we appreciate your business and your commitment to silicone technology. If you have any further questions, please feel free to contact us at [dow.com/contactus](https://www.dow.com/contactus).

Sincerely,

Dow Silicones Corporation
Technical Customer Service, Building & Infrastructure
[dow.com/contactus](https://www.dow.com/contactus)

DOW BUILDING SCIENCE
Inspire the futurescape
[dow.com/buildingscience](https://www.dow.com/buildingscience)

DOWSIL™

silicones by 

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

Dow is not providing architectural, engineering or other professional services for you or in any capacity related to the referenced project, and Dow assumes no responsibility for, and you are not relying on Dow for, any design, specifications, windload requirements, materials, samples, design elements, or testing of any design components, including the adequacy or completeness of the same, supplied or used by any warranty recipients or users of Dow products or services. Dow will only warrant products as set forth in a separate executed Dow warranty.®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

© 2024 The Dow Chemical Company. All rights reserved.

2000024823-7220

Form No. 63-6923-01-0524 S2D