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DOW SILICONES CORPORATION
TEST REPORT

SCOPE OF WORK
ASTM C920 EVALUATION OF DOWSIL™ 756 SURFACE MODIFIED BUILDING SEALANT

REPORT NUMBER
P5571.01-106-31 R2

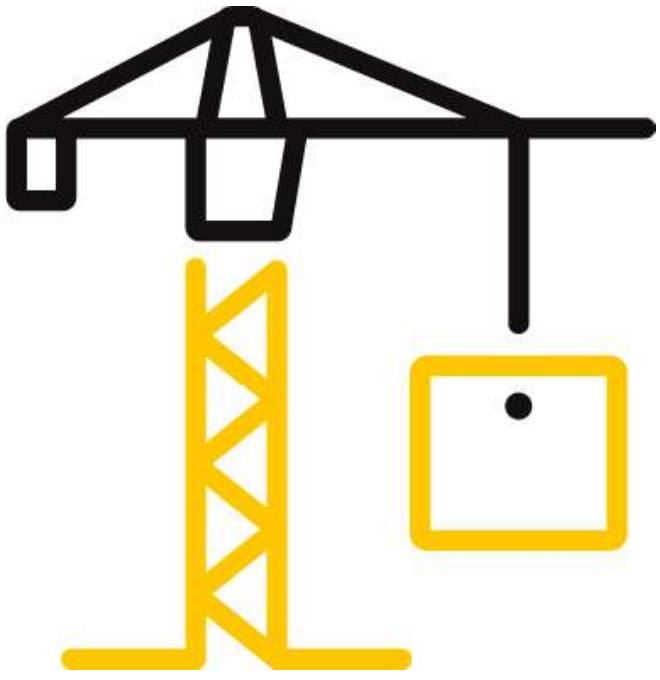
TEST DATES
12/28/22 - 05/31/23

ISSUE DATE **REVISED DATE**
09/07/23 10/09/23

RECORD RETENTION END DATE
05/31/28

PAGES
27

DOCUMENT CONTROL NUMBER
RT-R-AMER-Test-2827 (07/12/22)



130 Derry Court
York, Pennsylvania 17406

Telephone: 717-764-7700
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR DOW SILICONES CORPORATION

Report No.: P5571.01-106-31 R2
Date: 09/07/23 Revised Date: 10/09/23

REPORT ISSUED TO

DOW SILICONES CORPORATION
2200 West Salzburg Road
Auburn, Michigan 48611

SECTION 1

SCOPE

Product: DOWSIL™ 756 Surface Modified Building Sealant

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Dow Silicones Corporation to evaluate DOWSIL™ 756 Surface Modified Building Sealant for compliance with ASTM C920, *Standard Specification for Elastomeric Joint Sealants*, for use as a Type S, Grade NS, Class 50, Use NT, Use M, Use G, Use A, and Use O sealant. Results obtained are tested values and were secured by using the designated test methods. Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called “Shared Risk approach,” of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

For INTERTEK B&C:

COMPLETED BY:	J. Rich Hammons	**REVIEWED BY:**	Dawn M. Chaney
TITLE:	Technician III Materials Laboratory	**TITLE:**	Technician Team Lead Materials Laboratory
SIGNATURE:	Digitally Signed by: James Hammons	**SIGNATURE:**	Digitally Signed by: Dawn M. Chaney
DATE:	10/09/23	**DATE:**	10/09/23

JRH:dmc/kae

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SECTION 2
SUMMARY OF TEST RESULTS

TEST	REQUIREMENT	RESULT	PASS / FAIL
ASTM C639 - Rheological Properties	Vertical: ≤4.8 mm (≤3/16 in.) sag; Horizontal: no deformation	4.4°C: Vertical: 0.0 in. sag Horizontal: 0.0 in. sag (no deformation)	Pass
		50°C: Vertical: 0.0 in. sag Horizontal: 0.0 in. sag (no deformation)	Pass
ASTM C1183 - Extrusion Rate	Extrusion Rate ≥10 ml/min	48.6 ml/min	Pass
ASTM C661 - Hardness	Shore A of >60	Shore A of 34	Pass
ASTM C1246 - Effects of Heat Aging	≤7% weight loss; No cracking or chalking	0.444% weight loss; no cracking or chalking	Pass
ASTM C679 - Tack-Free Time	Tack-Free Time ≤72 hours	4 hours and 55 minutes	Pass
ASTM C510 - Stain and Color Change	No visible stain on top surface of mortar	Lab Conditions: No Stain	Pass
		Water-Immersed: No stain	Pass
		UV-Exposed: No stain	Pass
ASTM C719 - Adhesion and Cohesion Under Cyclic Movement	Total bond loss ≤9 cm^2 (1-1/2 in^2) per substrate	Mortar with Primer: 0.234 in^2 total bond loss	Pass
		Glass: 0.000 in^2 total bond loss	Pass
		Aluminum: 0.000 in^2 total bond loss	Pass
		Kynar with Primer: 0.000 in^2 total bond loss	Pass

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TEST	REQUIREMENT	RESULT	PASS / FAIL
ASTM C794 - Adhesion-in-Peel	Average load ≥22.2 N (≥5 lbf) and ≤25% adhesive bond loss for each individual specimen	Mortar with Primer: all specimens ≥5 lbf average load with 0% adhesive bond loss	Pass
		Glass: all specimens ≥5 lbf average load with 0% adhesive bond loss for 3 specimens and 10% adhesive bond loss for one specimen	Pass
		Aluminum: all specimens ≥5 lbf average load with 0% adhesive bond loss	Pass
		Kynar with Primer: all specimens ⩾5 lbf average load with 0% adhesive bond loss for 3 specimens and 10% adhesive bond loss for one specimen	Pass
ASTM C794 - Adhesion-in-Peel for Use G Exposed to UV Through Glass	Average load ≥22.2 N (≥5 lbf) and ≤25% adhesive bond loss for each individual specimen	Mortar with Primer: all specimens ⩾5 lbf average load with 0% adhesive bond loss	Pass
		Glass: all specimens ≥5 lbf average load with 0% adhesive bond loss	Pass
		Aluminum: all specimens ≥5 lbf average load with 0% adhesive bond loss	Pass
		Kynar with Primer: all specimens ≥5 lbf average load with 0% adhesive bond loss	Pass
ASTM C793 - Effects of Accelerated Weathering	No cracks greater than shown in ASTM C793 Example 2 of Figure 1 after UV exposure and Example 2 of Figure 2 after bend test in cold temperature	No cracks or changes observed after UV exposure and after bend test in cold temperature	Pass