

TEST REPORT

January, 2018

SUBJECT: Conformance of **PECORA 896 SILICONE SEALANT** to ASTM C920.

SUMMARY: **PECORA 896 SILICONE SEALANT** was tested in accordance with ASTM C920 and was found to meet or exceed all the necessary requirements for Type S, Grade NS, Use NT.

<u>C920</u>	<u>REQUIREMENTS</u>	<u>RESULTS</u>
Stability	6 months at 80°F.	Pass
Color	Agreed upon by purchaser	7 standard colors
Rheological Properties ASTM C639	No flow more than 3/16" @ 40°F and 122°F.	40°F. None 122°F. None
Extrusion Rate	Not more than 45 seconds	2 seconds
Hardness ASTM C661	Shore A of 15-50	27
Effects of Heat Aging ASTM C792	Shall not lose more than 10% weight, nor show cracks or chalking at 158°F.	Less than 4.2 weight loss No cracking or chalking
Tack-free Time ASTM C679	Not more than 72 hours	8-15 min at 75°F. (24°C)
Stain & Color Change ASTM C510	No stain or color change on white cement mortar	Non-staining No color change.
Cyclic Movement ASTM C719	Less than 1 ½ square inches of bond failure on 2 samples @ +/-50%	No bond loss total among 2 specimens, glass and aluminum
Adhesion-in-peel ASTM C794	No less than 5PLI and no more than 25% adhesion loss.	25 lbs peel strength and 0% adhesion loss on glass or aluminum
Effects of Accelerated Weathering ASTM C793 (5000 hrs)	No cracking after WOM exposure and when bent over ½ inch mandrel at -15°F. - + 3.6°F.	No cracking
Adhesion-in-peel After U.V. Exposure Through Glass ASTM C794	5 PLI minimum. 25% adhesive loss maximum.	23 PLI No adhesive failure

CONCLUSIONS: **PECORA 896 SILICONE SEALANT** complies with ASTM C920
Type S, Grade NS, Use NT.

Pecora R & D, QC, and Technical Service laboratories operate under guidelines set forth under ASTM C1021, Standard Practice for Laboratories Engaged in Testing of Building Sealants, and meet all listed qualification to perform the testing reported above.

