

## TEST REPORT

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

**SUMMARY:** **PECORA 896FC 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, Class 25, Use NT, G, M,A and O.

<u><b>C920</b></u>	<u><b>REQUIREMENTS</b></u>	<u><b>RESULTS</b></u>
Stability	6 months at 90°F.	Pass
Color	Agreed upon by purchaser	3 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 ASTM C603	Not more than 45 seconds	3 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 3.3% weight loss. No cracking or chalking.
Tack-free Time ASTM C679	Not more than 72 hours	<15min @ 72°F (24°C)
Stain & Color Change ASTM C510	No stain or color change on white cement mortar	Non-staining
Cyclic Movement ASTM C719 Class 25	Less than 1 ½ sq. inches of bond failure on 3 samples	No bond loss total among 3 specimens on mortar*, glass and aluminum (*use P-225 primer)
Adhesion-in-peel ASTM C794	No less than 5 PLI and no more than 25% adhesion loss.	30 lb. (13.6 kg) peel strength and 0% adhesion loss on mortar*, glass or aluminum (* use P-225 primer)
Effects of Accelerated Weathering ASTM C793	No cracking after WOM exposure	No cracking and when bent over ½ inch mandrel at -15°F - + 3.6°F.
Adhesion-in-peel After UV Exposure Through Glass ASTM C794	5 PLI minimum 25% adhesive loss maximum	30 PLI (13.6 kg)



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**CONCLUSION:**      **PECORA 896FC SILICONE SEALANT** complies with ASTM C920  
Type S, Grade NS, Class 25, Use NT, G, A, M, and O.

Pecora R & D, QC, and Technical Service laboratories operate under guidelines set forth under ASTM C-1021, Standard Practice for Laboratories Engaged in Testing of Building Sealants, and meet all listed qualifications to perform the testing reported above.