

## TEST REPORT

January, 2018

**SUBJECT:** Conformance of **PECORA 890NST SILICONE SEALANT** to ASTM C920.

**SUMMARY:** **PECORA 890NST 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><b>C920</b></u>	<u><b>REQUIREMENTS</b></u>	<u><b>RESULTS</b></u>
Stability	6 months at 80°F.	Pass
Color	Agreed upon by purchaser	13 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	20
Effects of Heat Aging ASTM C792	Shall not lose more than 10% weight, nor show cracks or chalking at 158°F.	Less than 4.4 weight loss No cracking or chalking
Tack-free Time ASTM C679	Not more than 72 hours	1-2 hrs. 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 3 samples @ +100, -50%	No bond loss total among 3 specimens or mortar*, glass and aluminum (*use w/P-150 primer).
Adhesion-in-peel ASTM C794	No less than 5PLI and no more than 25% adhesion loss.	25 lb. (11.3 kg) peel strength and 0% adhesion loss on mortar*, glass or aluminum (*use w/P-150 primer).



**C920**

Effects of Accelerated  
Weathering ASTM C793  
(5000 hrs)

Adhesion-in-peel  
After U.V. Exposure  
Through Glass ASTM C794

**REQUIREMENTS**

No cracking after WOM exposure  
and when bent over ½ inch mandrel  
at -15°F. - + 3.6°F.

5 PLI minimum.  
25% adhesive loss maximum.

**RESULTS**

No cracking  
  
20 PLI (9.1 kg)  
No adhesive failure

**CONCLUSIONS:**    **PECORA 890NST 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.





## Dynaspan Limited Material Warranty

Warranty #: XXXX

**Date:** Sample  
**Project Reference:** Sample  
**General Contractor:** Sample  
**Applicator:** Sample  
**Owner:** Sample  
**Completion Date:** Sample  
**Attention:** Sample

Pecora Corporation warrants its product to be manufactured free from defects in material and workmanship.

Under this warranty, Pecora will be responsible for the cost of replacement material for any materials made necessary by a failure of the sealant under this for a period of (# of years) of substantial completion (shown below).

**Product:** Dynaspan, Dynatred Urethane  
**Primer:** P-75

The holder of this warranty shall notify Pecora or the applicator in writing of any claims within 30 days from the discovery of any defect. Pecora will then have 30 days in which to schedule an inspection of the installation to determine if Pecora's products are not performing as intended. Pecora reserves the right to run performance tests on building material samples in its laboratory and/or field tests of actual surfaces to which Dynaspan has been applied. The owner agrees to provide the manufacturer/applicator field representatives with access to the affected areas of the project for purpose of testing and evaluating the performance of the sealant application.

This warranty becomes effective only upon full payment for all Pecora materials and labor used on the referenced project and becomes null and void if remedial repairs are performed without written authorization from either the manufacturer or the applicator.

This warranty specifically excludes failure of the sealant due to:

- a) Natural causes such as lightning, earthquake, hurricane, tornado, fire, etc.;
- b) Movement of the structure resulting in stresses on the sealant which exceed Pecora's published specification for elongation and/or compression for the sealant, whether due to structural settlement, design error or construction error;
- c) Disintegration of the underlying substrates;
- d) Mechanical damage to the sealant caused by individuals, tools or other outside agents, or
- e) Changes in the appearance of the sealant from the accumulation of dirt or other contaminants deposited on the sealant from the atmosphere.

This is Pecora's sole warranty with respect to its products. Pecora makes no other warranty of any kind, whatever, expressed or implied, and all implied warranties of merchantability and fitness for a specific purpose which exceed this obligation are hereby disclaimed by Pecora and excluded. In no case will Pecora be responsible for liquidated, incidental or consequential damages.



Any claim or controversy between or among the parties arising out of or relating to the application described herein shall be settled by arbitration in accordance with the rules of the American Arbitration Association, and judgment upon the award rendered by the arbitrator may be entered into a court having jurisdiction.

PECORA CORPORATION

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Roy D. Cannon, Jr.  
Director of Technical Service

Sample