



TEST REPORT

January, 2012

SUBJECT: Conformance of **PECORA GC-2 + SYNTHACALK** to Federal Specification TT-S-00227E (COM-NBS)-3, October 9, 1970. Type II, Non-Sag, Class A.

PRIMER: **PECORA P-53 + PRIMER** on concrete only, standard cure.

<u>TEST</u>	<u>SPECIFICATION LIMITS</u>	<u>RESULTS</u>
Sag: Horizontal	122°F No change 40°F No change	Pass Pass
Vertical	122°F 3/16" maximum sag 40°F 3/16" maximum sag	Pass, 0" Pass, 0"
Application Life	45" maximum after 3 hours	Pass, 8"
Hardness Shore A:		
Original	15-50	Pass, 28
Heat Aged	50 maximum	Pass, 33
Weight Loss, %	10 maximum	Pass, 2.8%
Cracking	None	None
Chalking	None	None
Tack-free time	72 hours maximum	Pass
Stain & color change	Shall not stain white cement mortar	Stains
Stain & Discoloration effects of backup material on sealing compound	Backup material shall not cause any discoloration or staining of the sealant	Passes with Pecora #91 Denver Foam and #92 Green Rod
Durability:		
Concrete	1.5 in. ² maximum failure	Pass, 0.8 in. ²
Aluminum	1.5 in. ² maximum failure	Pass, 0.75 in. ²
Glass	1.5 in. ² maximum failure	Pass, 0.20 in. ²
Peel Adhesion, lbs./in.:		<u>Lbs. bond loss</u>
Concrete	5 lbs. minimum, Maximum 25% bond loss	Pass 21 0
Aluminum	5 lbs. minimum Maximum 25% bond loss	Pass 17 0
Glass	5 lbs. minimum Maximum 25% bond loss	Pass 10 0
Glass UV. Optional	5 lbs. minimum Maximum 25% bond loss	----- -- -

COMMENTS: This sealant passes the test requirement of Federal Specification TT-S-00227E (COM-NBS) Type II, Class B, with the exception of staining white cement mortar.