



TEST REPORTS

January, 2005

SUBJECT: Conformance of **PECORA BC-158 BUTYL RUBBER SEALANT** to ASTM C1085 Specification

SUMMARY: **PECORA BC-158 BUTYL RUBBER SEALANT** was tested in accordance with ASTM C1085 and was found to meet or exceed all of the necessary requirements.

<u>C1085</u>	<u>REQUIREMENTS</u>	<u>RESULTS</u>
Bubble Formations	Not more than 25% of the total test surface or either substrate should be covered with bubbles.	Pass. No bubbles were evident on any of the test surface.
Tenacity	Sample shall not show any cracking, separation, delamination or adhesive loss.	Pass. Allowable minor surface cracking of the skin only.
Shrinkage	Samples shall not shrink more than 25%	Pass. Average shrinkage = 22.0%
Slump	Sample shall not slump more than 0.15 inches.	Pass. Average slump = 0.05%
Extrudability	A value of not more than 9 secs/ml shall be obtained	Pass. Extrudability = 5.9 secs/ml
Stain	Samples shall not show a stain index	Pass. Stain Index greater than 2.50.= 1.00
Tack-free	No material shall adhere to polyethylene after 24 hours.	Pass. No adherence
Adhesion loss, cracking and discoloration	The compound shall not have a rating greater than 2 in any area.	Pass. Adhesion = 0.0 Cracking = 0.3 Discoloration = 0.6



Bond Adhesion	The total loss in bond area and cohesion among three samples of like substrates shall not be greater than 1.50 square inches.	Pass. All cohesion loss Aluminum = 0.5 sq. in. Glass = 0.5 sq. in. Concrete = 0.0 sq. in.
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CONCLUSIONS: PECORA'S BC-158 BUTYL RUBBER SEALANT complies with ASTM Specification C1085.

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.