



## TEST REPORTS

January, 2007

**SUBJECT:** Conformance of **PECORA BC-158 BUTYL RUBBER SEALANT** to Federal Specification TT-S-001657 (COM-NBS), October 8, 1970.

**SUMMARY:** **PECORA BC-158 BUTYL RUBBER SEALANT** was tested in accordance with Federal Specification TT-S-001657 and was found to meet or exceed all of the necessary requirements.

<u>TT-S-001657</u>	<u>REQUIREMENTS</u>	<u>RESULTS</u>
3.4.2 Bubble Formations	Not more than 25% of the total test surface on either substrate should be covered with bubbles.	Pass. No bubbles were evident on any of the test surface.
3.4.3 Tenacity	Samples shall not show any cracking, separation, delamination or adhesive loss.	Pass. Allowable, minor surface cracking of the skin only.
3.4.4 Shrinkage shrinkage	Samples shall not shrink more than 25%.	Pass. Average = 22.0%
3.4.5 Slump	Sample shall not slump more than 0.15 inches.	Pass. Average slump = 0.05%.
3.4.6 Extrudability	A value of not more than 9 secs/ml shall be obtained.	Pass. Extrudability = 5.9 secs/ml.
3.4.7 Stain	Sample shall not show a stain stain index	Pass. Stain Index greater than 2.50.= 1.00
3.4.8 Tack-free	No material shall adhere to polyethylene after 24 hours.	Pass. No adherence.
3.4.9 Adhesion loss, cracking and discoloration	The compound shall not have have a rating greater that 2 in 2 in any area.	Pass. Adhesion = 0.0 Cracking = 0.3 Discoloration = 0.6



3.4.10 Bond Adhesion

The total loss in bond area and cohesion among three samples of like substrate shall not be greater than 1.50

Pass. All cohesion loss  
Aluminum = 0.5 sq. in.  
Glass = 0.5 sq. in.  
Concrete = 0.0 sq. in.  
square inches.

**CONSLUSIONS:** **PECORA BC-158 BUTYL RUBBER SEALANT** complies with Federal Specification TT-S-001657 (COM-NBS), October 8, 1970.

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.