



## TEST REPORT

January, 2007

### **ASTM C-920-98**

**Standard Specification for Elastomeric  
Joint Sealants**

**PECORA NR-200 UREXPAN**

**Type M, Grade P, Class 25, Use T**

|     | <b><u>TEST</u></b>                                        | <b><u>REQUIREMENTS</u></b>                          | <b><u>TYPICAL VALUE</u></b>                                               |
|-----|-----------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------|
| 8.2 | Rheological<br>Properties ASTM C639                       | Shall exhibit a smooth<br>level surface             | Passes                                                                    |
| 8.3 | Extrusion rate<br>ASTM C603                               | N/A                                                 | N/A                                                                       |
| 8.4 | Application life<br>ASTM C603                             | 3 hours minimum                                     | Passes                                                                    |
| 8.5 | Hardness<br>ASTM C661                                     | Shore A 15-50                                       | 30                                                                        |
| 8.6 | Effect of heat aging<br>ASTM C792                         | 10% max. weight loss<br>No cracking or chalking     | 2.75%<br>No cracking or chalking                                          |
| 8.7 | Tack-free time<br>ASTM C679                               | Tack-free time in 72 hours                          | Passes                                                                    |
| 8.8 | Stain & color change<br>ASTM C510                         | No visible stain to<br>white mortar                 | No staining or color change                                               |
| 8.9 | Adhesion & cohesion<br>after cyclic movement<br>ASTM C719 | 1-1/2 sq. inch maximum<br>failure on each substrate | Less than 1/4 sq. inches<br>among 3 specimens on<br>concrete <sup>*</sup> |



|      |                                                                           |                                                              |                                                                   |
|------|---------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------|
| 8.10 | Adhesion-in-peel<br>ASTM C794                                             | 5 lbs./sq. in. minimum strength<br>25% max. adhesion failure | Average peel strength<br>30 lbs. 0% adhesion loss<br>on concrete* |
| 8.11 | Adhesion-in-peel<br>after ultraviolet exposure<br>through glass ASTM C794 | N/A                                                          | N/A                                                               |
| 8.12 | Effect of accelerated weathering<br>ASTM C793                             | No cracking                                                  | No cracking                                                       |

- P-200 Primer used on concrete (where 7 days total water immersion required).

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 qualification to perform the testing reported above.