

**December 15, 2008**

The manufacturer performed Adhesion Testing on four Plastic Components PVC substrates using Ultra-Tech™ Acrylic Urethane Elastomeric Sealant (white), **PC-ULTW**. **The tests were run in accordance with ASTM C-794.** The results are as follows:

SUBSTRATE	SEALANT	PRIMER	REQUIREMENT	RESULT
STDE-50	PC-ULTW	None	5 pli	11 pli
711-50	PC-ULTW	None	5 pli	10 pli
2050	PC-ULTW	None	5 pli	14 pli
1050	PC-ULTW	None	5 pli	12 pli



**SUBSTRATE PREPARATION**

Isopropyl Alcohol Wipe. No Primer Used.

**RESULTS**

All samples showed excellent adhesion. Note that ASTM C-794 requires a minimum peel value of 5 pli. The adhesion between Plastic Components' PVC trims and Ultra-Tech Acrylic Urethane Elastomeric Sealant was at least twice that amount. *In one case it was almost three times the ASTM requirement.*

Ultra-Tech is a one-component, high-performance gun-grade sealant forms a flexible, airtight and water-resistant seal against moisture, and other environmental conditions. Durable Ultra-Tech offers superior adhesion and flexibility –with 800% elongation.

- Internally plasticized –no ‘shiners’ or paint discoloration
- Superior bonding to PVC and most other surfaces, including masonry, brick, concrete, wood, metal, marble, glass and ceramic tile
- Non-yellowing white sealant  
Other colors available - Contact customer service
- Mildew-resistant, reduces dirt pickup
- Paintable, soap and water cleanup
- Interior/exterior use

**Technical Data**

Once cured, Ultra-Tech exceeds the requirements of the following:

- Federal Specification TTS-00230C, Type S, Class A
- ASTM C-920, Grade NS, Class 25
- ASTM C-834, Type OP, -18° C

Use Ultra-Tech to caulk the butt joints, ends, angles, corners and intersections of Plastic Components' PVC accessories at time of installation.

**Installation Guidelines**

Surfaces to be caulked must be dry and free of all dirt, dust, mildew, oil or other contaminants. Apply Ultra-Tech only when surface and air temperatures are above 40° F and rising. Do not apply on surfaces that exceed 140° F, or when rain is expected.

Application: Cut nozzle at 45° angle. Cured bead should be between 1/8" and 1/2". Use backer rod for gaps larger than 1/2". Smooth bead with moistened cloth. Clean tools with soap and water. Allow 4 to 6 hours cure time before painting. Not intended for areas that will be submerged in water.

KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.

**Ultra-Tech™  
Gun-grade Elastomeric Sealant**

Product Number	Description	Tubes per Box
PC-ULTW	White, Gun-grade Urethane Modified Acrylic Sealant for use with Plastic Components' PVC accessories	(12) 10.1 oz each (299 mL)

Contact customer service for additional colors.