

**Technical Bulletin # 107**  
**890FTS Weatherability and Color Retention**

Pecora 890FTS, the field tintable version of Pecora 890 ultra-low modulus non-staining architectural grade silicone, is the result of the simple yet revolutionary concept of removing the color tints, which are normally compounded into the product at the factory, and placing them in pre-measured containers for addition and mixing in the field. This concept has been in existence for years and practiced extensively with urethane based architectural grade sealants. This comparison should not be misinterpreted to lend any similarities between the urethane-based products and the silicone-based products other than the ability of a contractor to add color tint in the field and the obvious advantages that accompany field tintability.

Pecora 890FTS has identical performance properties to that of the original and still available Pecora 890 product. The UV resistance and associated outstanding weatherability and color retention characteristics remain a constant in both products. Pecora 890 has been a proven performer for more than fifteen years in construction projects around the country and has evolved into a premier high performance architectural grade silicone over that time. Pecora 890FTS continues in that tradition with the added benefit of field tintability using the identical color pigments utilized in the factory-tinting of the long established 890 silicone product.

Both the 890 and the 890FTS have been tested according to ASTM C-920 standards as well as extended artificial and natural weathering studies. Weathering studies have been conducted according to ASTM C 1442, Standard Practice for Conducting Tests on Sealants Using Artificial Weathering Apparatus, utilizing ASTM C 793-05 for evaluation guidelines. The use of spectrophotometer measurements for color variability on QUV- exposed verses unexposed control samples resulted in an expected level of variance throughout the entire range of the 48 standard FTS colors.

Pecora 890FTS' accelerated weathering test results support the extensive field history already established with regard to superior weatherability and color retention of the 890-silicone product. Based on this field history, as well as accelerated weathering results to date, Pecora will provide a written, project specific, material warranty consistent with industry standards supporting the proven performance of the 890 and 890FTS products.

