



## **Technical Bulletin** **11/29/04**

### **Regarding: TremGlaze S900 Reactive Silicone Back Bedding Sealant Clarification on Cure Characteristics**

TremGlaze S-900 is a new hybrid technology with cure characteristic qualities comparable to both a multi-component material to create an early initial 'set', combined with the traditional cure technology of a single component moisture cure silicone allowing for continued cure and physical properties development. For this reason the ultimate cure and performance of TremGlaze S-900 is also dependant on atmospheric moisture conditions.

Environmental conditions of temperature and humidity will factor into cure and rate of cure. The configuration of the sealant bead, face clearance, and porosity of substrate will also play into the cure matrix to a lesser degree.

Clarification on the cure characteristics of TremGlaze S-900 calls for an understanding on terminology used to describe the various stages of cure that this material displays:

- 1). **Initial Set or Gell Stage** - Once applied the S-900 has 'initial set' or 'gell stage' displaying rubber-like properties in 3 to 4 hours.
- 2). **Cure** – Cure time to reach 75% of physical properties is 24 hours.
- 3). **Full Cure** – Full physical properties are developed within a period of 7-14 days, dependent on the above mentioned conditions including, bead size, face clearance and substrate.

# **TREMCO**

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