

FIVE STAR® RS ANCHOR GEL

PERFORMANCE SPECIFICATION

A. The anchoring material shall be 100% solids, moisture insensitive, structural epoxy that meets ASTM C 881, Types I, and IV, Grade 3, Classes B & C. The manufacturer shall be ISO 9001 certified and have at least five years experience in the manufacture of epoxy adhesives.

B. The injection material shall meet all the following typical performance criteria when cured at 73°F (23°C):

| | | |
|----|---|--------------------------------------|
| 1. | Compressive Properties, ASTM D 695 | |
| | Compressive Strength | 10800 psi (74.5 MPa) |
| | Compressive Modulus of Elasticity | 5.3 x 10 ⁵ psi (3655 MPa) |
| 2. | Bond Strength, ASTM C 882 | |
| | 2 Days | 2900 psi (20.0 MPa) |
| | 14 Days | 3000 psi (20.7 MPa) |
| 3. | Shrinkage, ASTM D 2566 | 0.0009 in/in (mm/mm) |
| 4. | Gel Time, ASTM C 881 | 7 minutes |
| 5. | Water Absorption, ASTM D 570 | 0.84% |
| 6. | Heat Deflection Temperature, ASTM D 648 | 126°F (52°C) |

The data shown above reflect typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result. Test methods are modified where applicable.

C. The anchoring material shall be Five Star RS Anchor Gel, as manufactured by Five Star Products, Inc., Fairfield, Connecticut.