

## FIVE STAR® WATERPROOFING

### PERFORMANCE SPECIFICATION

- A. The concrete waterproofing material shall be a preblended, prepackaged, polymer modified cement-based mortar requiring only the addition of potable water. The material shall not contain any chlorides or lime other than amounts contained within the hydraulic composition. The manufacturer shall be ISO 9001 certified and have at least five years experience in the manufacture of cement-based waterproofing materials.
- B. The concrete waterproofing material shall meet all the following typical performance criteria when cured at 73°F (23°C):

1.	Compressive Strength, ASTM C 109 4 Hours	3000 psi (20.7 MPa)
2.	Bond Strength, ASTM C 882 7 Days	2400 psi (16.5 MPa)
3.	Chloride Ion Permeability, ASTM C 1202 1/8" (3 mm) minimum thickness	Very Low
4.	Permeability, CRD-C 48 1/8" (3 mm) minimum thickness	7.16 x 10 <sup>-13</sup> cm/sec (neg. side)

*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 concrete waterproofing material shall be Five Star® Waterproofing, as manufactured by Five Star Products, Inc., Fairfield, Connecticut.