

## Structure Guard<sup>®</sup> - Water (SE3000)

### 3RD PARTY TESTING

Tensile Strength	ASTM D638	3,000 psi
Compression	ASTM D695	9,500 psi
Flexural Strength	ASTM D790	6,000 psi
Flexural Modulus	ASTM D790	430,000 psi
Adhesion Concrete	ASTM D4541	Substrate Failure
Adhesion Steel	ASTM D4541	1000 psi

### APPLICATION

- **Pre Heat: 80 Degrees Farenheit Part A and Part B (No solvent used in thinning)**
- **Plural Component Equipment Spray Equipment: Graco XM50 or Graco XP70**
- **Gun Setup: Can be applied at 40-60 psi at the gun using a 517 tip size.**
- **Mil Thickness: Apply 40-100 mils per coat.**
- **Recoat Time: Must be recoated with in 6 hours. After 6 hours the first coat must be abraided.**

## NSF 61 Certified Epoxy Protective Coating

### DESCRIPTION

Quadex<sup>®</sup> Structure Guard<sup>®</sup> - Water (SE3000) is a 100% solids epoxy coating made for plural component spray application. NSF 61 certified for pipe as small as 4" diameter and tanks 50 gallons and larger. With a 25 minute pot life and extended recoat time, Structure Guard - Water is the perfect product to coat long pipelines and large water tanks.

### FEATURES AND BENEFITS

- NSF 61 Certification
- Long Pot Life
- Extended Recoat Time
- Low Viscosity
- Smooth Finish
- 100% Solids / No VOC

### TYPICAL USES

- Concrete and Steel Potable Water Tanks
- Potable Water Pipelines
- Raw Water Tanks
- Raw Water Pipelines
- Fiberglass Potable Water Tanks

### PHYSICAL PROPERTIES

- **Pot Life: 25 minutes**
- **Set Time: 4 hours at 70°F**
- **NOTE: Certificate specific cure time — 4 days @ 70°F**



#### **WARRANTY**

**Quadex, LLC warrants its products to be free of defects in material and workmanship.** Unless superseded by project specifications and terms agreed upon in writing between installer and Quadex prior to bid, if within one year from purchase, any Quadex, LLC product is proven defective, the company will replace said product or refund its purchase price at its sole discretion. The company's obligation shall be limited solely to such replacement or refund. There are no other warranties by Quadex, LLC, expressed or implied. There is no warranty if Quadex products are used contrary to Quadex, LLC's written directions.

#### **SURFACE PREP**

##### **Existing Concrete and Masonry**

Substrates must be prepared in a manner that provides a uniform, sound, clean, neutralized surface with sufficient profile suitable for the specified coating. The substrate must be free of all contaminants, such as oil, grease, rust, scale or deposits and have a surface profile equivalent to a CSP3 to CSP5 in accordance with ICRI Technical Guideline No. 03732. This can generally be achieved by abrasive blasting, shot blasting, high pressure water cleaning, water jetting, acid etch, hot water/steam cleaning or a combination of methods

##### **New Concrete and Masonry**

Substrates must be sandblasted to achieve a CSP4.

##### **Steel/Metal**

Near-White Blast SSPC-SP10/NACE 2

#### **MIXING**

2 parts Structure Guard® - Water Part A to 1 Part Structure Guard® - Water Part B

#### **CLEAN UP**

Acetone or MEK

#### **PACKAGING**

5 gallon buckets (15 gallon kit)

55 gallon drums (150 gallon kit)

#### **SAFETY**

Structure Guard - Water contains Amines that can be harmful to skin and eyes. If contact with skin or eyes rinse thoroughly with water. See SDS for full instructions. Always consult a medical physician with concerns.