

## FLEXI-WELD 520-T

**FLEXI-WELD 520-T** is a two-component, moisture insensitive, high strength epoxy adhesive for bonding to a variety of substrates including dry or damp concrete, broken stones, bricks, and terra cotta pieces. **FLEXI-WELD 520-T** contains additives to allow application on vertical and overhead surfaces. The system can accept additional mineral fillers, such as silica or crushed stone, to permit the preparation of toppings or thick section adhesives.

### APPLICATION:

Concrete and masonry surfaces may be smooth or rough, damp or dry, but must be sound and clean.

- Mix the **520-T** components for two minutes using a slow speed drill. Spread the mixture over the surface to be bonded and immediately place the piece to be bonded in contact with the adhesive.

### TEMPERATURE:

Minimum temperature is -5° F. Maximum temperature is 90°F.

### PROPERTIES

Mix ratio by volume:	8:1
Gel time ±75°F:	17 minutes
Color:	Gray or Custom
Tensile strength:	10,200 psi
Flexural strength:	Approx. 15,000 psi
Compressive strength:	12,900 psi

### PACKAGING & COVERAGE

2# Units (15 per case)  
Coverage: 10 sq. ft/unit

## THIN-FILL 55

### Thin-Section Reprofiling Mortar for Terra Cotta and Concrete

#### DESCRIPTION:

**THIN-FILL 55** is a latex-modified reprofiling mortar for vertical and non-traffic bearing horizontal masonry and concrete surfaces. **THIN-FILL 55** allows application of thin-section patches of 1/32 to 1/4 inch depth while maintaining excellent adhesion, strength, breathability and resistance to cracking. **THIN-FILL 55** provides smooth finishes which can also be further polished to repair glazed terra cotta or polished stone profiles. Optional subsequent application of **Aquathane UA210 NCL** glaze replacement coatings allows close duplication of existing terra cotta and stone finishes.

#### APPLICATION:

- Surface Preparation: Surface must be clean, sound, and free of contaminants. Dampen surfaces with clean water or prime with a slightly thinned brush coat of **THIN-FILL 55**.
- Add Part A latex to **THIN-FILL 55**, and mix to a stiff past consistency.
- Application: Mix only what will be applied within 20-40 minutes using standard plastering tools, and work into surface profile to assure complete filling and bond. (Minimum application temperature: 45°F)

### PACKAGING & COVERAGE

40# bag & 1 gallon liquid  
Coverage: .5 cu. Ft. per unit

## AQUATHANE NCL

#### DESCRIPTION:

**AQUATHANE NCL** is a clear, flexible abrasion resistant, waterborne polyurethane coating. It can be used in both interior and exterior applications on approved porous substrates.

#### USES:

**AQUATHANE NCL** is an ideal companion product to **THIN-FILL 55** where glaze replication is desired, and can be used to re-glaze terra cotta and brick. With the addition of **Additive G**, **AQUATHANE NCL** can be used over glazed brick, terra cotta, and polished stone for a bright enhanced look.

#### APPLICATION:

- Surface should be clean, sound, and free of dust
- Minimum application temperature: 50°F
- AQUATHANE NCL** can be applied by brush, roller, or spray. A second coat may be required for extremely porous surfaces. (Primer coat is generally not necessary)

### PROPERTIES

Elongation:	100-150%
Tensile strength:	6000 psi

### PACKAGING & COVERAGE

1 gallon pails  
Coverage: 200-400 sq.ft/gallon  
\*Can be pigmented on special orders