

# TAMMSWELD

## REWETTABLE LATEX BONDING AGENT FOR CONCRETE

### DESCRIPTION

**TAMMSWELD** is a rewettable liquid bonding agent and polymer modifier for cement mortars. TAMMSWELD is a high film build, copolymer or polyvinyl acetate emulsion designed as a bonding agent and polymer modifier for cement mortars.

### PRIMARY APPLICATIONS

- Concrete
- Brick
- Tile
- Stone
- Concrete block
- Plaster
- Gypsum board
- Lath
- Plywood
- Hardboard
- Wood
- Interior and exterior surfaces

### FEATURES/BENEFITS

- High build bonding agent or polymer admixture
- Increases bond strength
- Improves durability
- Long open time

### TECHNICAL INFORMATION

#### Material Properties @ 75°F (24°C)

**Weight /gal** ..... 8.9 lbs (4.0 kg) approx

**VOC Content** ..... < 10 g/L

**Mixed Viscosity** ..... 500 to 1,000 cps

### PACKAGING

TAMMSWELD is packaged in cases of 6/1 gal (3.8 L) containers and in 5 gal (18.9 L) pails.

### SHELF LIFE

2 years in original, unopened containers.

### SPECIFICATIONS/COMPLIANCES

- ASTM C 1059, Type I

### COVERAGE

- 200 to 250 ft<sup>2</sup>/gal (4.91 to 6.14 m<sup>2</sup>/L) on dense surfaces. Porous surfaces may require more material. Do not exceed 300 ft<sup>2</sup>/gal (7.3 m<sup>2</sup>/L).

### DIRECTIONS FOR USE

**Surface Preparation:** Surface must be clean, dry and structurally sound. The substrate must also be free of all curing compounds, form release agents and any other contaminants, which may prevent the proper penetration of TAMMSWELD. The preferred method of surface preparation is mechanical abrasion. For oil-contaminated surfaces, using steam cleaning in conjunction with a strong emulsifying detergent may be considered. Rinse thoroughly with potable water. Lightly dampen the surface with potable water before applying TAMMSWELD. portland cement based toppings must be a minimum of 1/2" thick (1.27 cm) and must be contained by vertically cut edges.

**Application: Bonding Agent:** Stir TAMMSWELD thoroughly before use. Do not dilute. TAMMSWELD will dry in approximately one hour depending on the temperature and humidity. Extremely porous surfaces may require two coats of TAMMSWELD. For hand application, wet brushes or rollers before use and shake out excess water. For larger areas or faster application, use airless spray equipment with 0.015" to 0.020" (0.38 to 0.51 mm) orifice size spray tips. Hold spray gun 12" to 18" (30.5 to 45.7 cm) from the surface and apply TAMMSWELD using a cross coat technique consisting of a horizontal pass followed by a vertical pass. TAMMSWELD is formulated to provide exceptional bond when first activated by moisture. If more than 7 days pass following application, check several areas to ensure adequate adhesion. Make test applications on questionable surfaces.



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**Polymer Modifier:** When using TAMMSWELD to produce a polymer modified mortar, add approximately 3 gal (11.36 L) of TAMMSWELD per 100 lbs (45.4 kg) of cement content in the mortar material. The properties achieved by using TAMMSWELD as a polymer modifier will vary depending on the composition of the mortar and complete evaluation should be completed prior to using the polymer modified mix.

## CLEAN-UP

Clean tools and equipment with detergent and water immediately following use. Clean drips and over-spray with water while still wet. Dried TAMMSWELD may require mechanical abrasion for removal.

## PRECAUTIONS/LIMITATIONS

- Do not use TAMMSWELD where constant moisture or hydrostatic pressure is present (swimming pools, cisterns or other areas that will be immersed).
- Do not dilute TAMMSWELD.
- Keep from freezing.
- Do not apply to frozen or frost filled surfaces.
- Do not apply if temperature is below 50°F (10°C).
- Do not over-trowel, or overwork cement mortars modified with TAMMSWELD.
- Store at temperatures between 50°F to 90°F (10°C to 32°C). Protect from freezing.
- In all cases, consult the Material Safety Data Sheet before use.

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