



EUCLID CHEMICAL

TAMMSWELD

REWETTABLE LATEX BONDING AGENT FOR CONCRETE

DESCRIPTION

TAMMSWELD is a rewettable liquid bonding agent and polymer modifier for concrete and cement mortars. TAMMSWELD is a high film build, ethylene vinyl acetate copolymer emulsion.

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

PHYSICAL PROPERTY	VALUE
Solids Content (by weight)	34%
Unit Weight, Specific Gravity	8.9 lbs/gal, 1.07
VOC Content	≤ 70 g/L
Viscosity	500 to 1,000 cp
Bond Strength, ASTM C1042	4,600 psi

Properties determined at laboratory conditions.

PACKAGING

TAMMSWELD is packaged in 5 gal (18.9 L) pails and in cases of 1 gal (3.8 L) jugs (6 jugs per case).

SHELF LIFE

2 years in original, unopened container

SPECIFICATIONS/COMPLIANCES

ASTM C1059, Type I

COVERAGE

200 to 250 ft²/gal (4.91 to 6.14 m²/L) on dense surfaces. Porous surfaces may require more material. Do not exceed 300 ft²/gal (7.3 m²/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 adhesion 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. Allow the concrete to dry before applying TAMMSWELD.

Application, Bonding Agent: Stir TAMMSWELD thoroughly before use. Do not dilute. 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 in. to 0.020 in. (0.38 to 0.51 mm) orifice size spray tips. Hold spray gun 12 to 18 inches (30 to 46 cm) from the surface and apply TAMMSWELD using a cross coat technique consisting of a horizontal pass followed by a vertical pass. Extremely porous surfaces may require two coats of TAMMSWELD.

Allow the TAMMSWELD to dry before placing repair mortars, concrete, or toppings. TAMMSWELD will dry in approximately one hour depending on the temperature and humidity. If more than 7 days pass between TAMMSWELD application and placement of the concrete, topping, or mortar, check several areas to ensure adequate adhesion. Make test applications on questionable surfaces.

Application, 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 a thorough evaluation of properties 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).
- In all cases, consult the Safety Data Sheet before use.

Rev. 03.17

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.