

# Euroweld 2.0

## Latex Bonding Agent for Concrete Repairs and Toppings

### PRODUCT DESCRIPTION

Euroweld 2.0 is a liquid latex bonding agent for cement-based repair mortars and concrete. Euroweld 2.0 has a long open time, and repair materials can be placed either after it has dried, or while it is still wet. This bonding agent represents a new generation of easy-to-use latex, which exhibits drastically improved performance and stability in comparison to the typical re-wettable ethylene vinyl acetate (EVA) bonding agents currently available. Euroweld 2.0 is a unique, non-EVA based latex that utilizes reactive chemistry for bonding, rather than depending on the moisture content of the repair material.

### USAGE/PURPOSE

- Repairing concrete with cement-based mortars
- Concrete overlays and toppings
- Interior or exterior use
- Repairs that will be frequently wet or submerged after curing

### FEATURES & BENEFITS

- Excellent bond strengths
- Repair materials can be applied wet-on-wet, or after it has dried
- Easy to use - applied to surface straight from container
- Long open time

### PACKAGING

3.8 Litres

### COLOUR

Milky White

### SHELF LIFE

2 years in original, unopened package

### STORAGE

Store at temperatures between 4°C to 32°C

### COVERAGE/YIELD

3.68 to 6.14m<sup>2</sup>/L

**Note:** Coverage rates are approximate.



### SURFACE PREPARATION

- Concrete 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 Euroweld 2.0.
- When using Euroweld 2.0 to bond Euclid Chemical cementitious repair mortars, please refer to the technical data sheet for the repair mortar to find the concrete surface profile (CSP) requirements.
- After surface preparation is complete, rinse thoroughly with potable water. Allow the concrete to dry before applying Euroweld 2.0.

### APPLICATION

- Stir Euroweld 2.0 thoroughly before use.
- Do not dilute.
- For hand application, dampen brushes or rollers before use and shake out excess water.
- For larger areas or faster applications, use airless spray equipment or an industrial pump-up sprayer with a fan tip nozzle.
- Hold spray nozzle 30 cm to 46 cm from the surface and apply Euroweld 2.0 using a cross coat technique consisting of a horizontal pass followed by a vertical pass.
- Extremely porous surfaces may require two coats of Euroweld 2.0.

### TYPICAL PHYSICAL PERFORMANCE

PERFORMANCE TEST	TEST METHOD	TYPICAL VALUES
-	Tack Free Time	2 to 3 Hours
ASTM C1583	Direct Tension Bond Strength	24 Hours: 2.3 MPa
		7 Days: 2.6 MPa
ASTM C882	Slant Shear Bond Strength	14 Days, Dry Conditioned: 18.8 MPa
		14 Days, Wet Conditioned: 19.0 MPa

PHYSICAL PROPERTY	VALUE
Unit Weight, Specific Gravity	1.00654 kg/L
VOC Content	< 5g/L
Viscosity	100 cp

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- ❑ Euroweld 2.0 may be allowed to dry before placing repair mortars, concrete, or toppings, or the repair materials may be placed in a "wet on wet" fashion, immediately after application of Euroweld 2.0.
- ❑ Euroweld 2.0 will dry in approximately two to three hours depending on the temperature and humidity.
- ❑ If more than 7 days pass between Euroweld 2.0 application and placement of the concrete, topping, or mortar, the surface must be abraded to remove existing product, and Euroweld 2.0 must be re-applied.
- ❑ During the product's open time, regardless of length of time, the surface must be protected from dust, dirt, foot traffic, and any other sources of contamination or abrasion prior to application of the concrete, topping, or mortar.
- ❑ Any dust, dirt, or other contaminants will severely affect bond strength of the concrete, topping, or mortar.

### CLEAN UP

- ❑ Clean tools and equipment with soap and water immediately following use.
- ❑ Clean drips and over-spray with water while still wet.
- ❑ Dried Euroweld 2.0 may require mechanical abrasion for removal.

### PRECAUTIONS/LIMITATIONS

- ❑ Do not dilute Euroweld 2.0.
- ❑ Keep from freezing.
- ❑ Do not apply to frozen or frost filled surfaces.
- ❑ Surface and ambient temperatures during application must be 4°C and rising.
- ❑ Store at temperatures between 4°C to 32°C.
- ❑ In all cases, consult the Safety Data Sheet before use.

### HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet (SDS) must be read and understood prior to use.

### TECHNICAL SERVICE

Tremco CPG Australia Pty Ltd has a team of Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

### GUARANTEE/WARRANTY

Tremco CPG Australia Pty Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG Australia written instructions and (b) in any application recommended by Tremco CPG Australia, but which is proved to be defective, will be replaced free of charge.

Any information provided by Tremco CPG Australia in this document in relation to Tremco CPG Australia's goods or their use is given in good faith and is believed by Tremco CPG Australia to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. Tremco CPG Australia makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.

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