

## PRODUCT DATA SHEET

# Sika® LiquidWeld Blu

### Concrete and Plaster Bonding Agent

#### PRODUCT DESCRIPTION

Superior, reemulsifiable, liquid bonding agent for concrete, cement mortars and stucco.

#### USES

- Bonding new concrete to old concrete
- Interior or Exterior use
- Vertical or Horizontal
- Use on concrete, concrete block, cement board, hardie board, plywood, brick, plaster, tile, gypsum, or stone.

#### CHARACTERISTICS / ADVANTAGES

- Re-emulsifiable
- Extended open time
- Increased bond strength
- Easy to apply and one component
- Improved repair durability
- Freeze-Thaw Stability: 5 cycle freeze

#### PRODUCT INFORMATION

<b>Packaging</b>	1 x 2 gal. (7.5 L) can; box	
<b>Appearance / Color</b>	Light Blue when wet Royal Blue when dry	
<b>Shelf Life</b>	12 months in original, unopened containers	
<b>Storage Conditions</b>	Store in cool, frost-free conditions with temperatures between 50°F to 90°F (10°C to 32°C). Condition material between 60° to 75°F (15° to 24°C) before using.	
<b>Tensile Adhesion Strength</b>	150 psi (1.03 MPa) at 7 days	(ACI 503 R) Tested at: 73 °F (23 °C) 50 % R.H.

#### APPLICATION INFORMATION

<b>Coverage</b>	Unit yields approx. 150 - 300 sq.ft. per gallon depending upon actual porosity of the prepared substrate.
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## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

Remove all deteriorated concrete, dirt, oil, grease, and all bond-inhibiting materials from surface. Preparation work should be done by high pressure water blast, scabber, or other appropriate mechanical means to obtain a surface with a minimum of CSP 3 profile or greater. Ensure there are no curing compounds or other contaminants remaining on the substrate before application. Substrate must be dry before application.

### MIXING

Prior to installation, stir Sika® LiquidWeld Blu before use for consistent dispersion. Apply Undiluted (no water needed)

### LIMITATIONS

- Not for use in wet environments, in or around swimming pools, showers, decks, below grade or retaining walls that may be subject to hydrostatic pressures, side walks, or parking ramps.
- Do not dilute.
- Do not apply onto water soluble substrates.
- Do not apply on frozen or frost covered substrates.
- Low temperatures or high humidity will extend curing time.
- Do not allow stored product to freeze.
- If substrate gets contaminated or wet, a recoat is required.

### BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

### OTHER RESTRICTIONS

See Legal Disclaimer.

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**Product Data Sheet**  
Sika® LiquidWeld Blu  
June 2018, Version 01.01  
020302020040000003

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

### LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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