

# SPECWELD



A ready-to-use, rewettable polyvinyl acetate (PVA)

## DESCRIPTION

SPECWELD is a ready-to-use, rewettable polyvinyl acetate (PVA) emulsion admixture and bonding agent which bonds new concrete, underlayments, masonry, stucco, terrazzo and Portland cement/sand mixes to horizontal and vertical concrete surfaces. Recommended for interior and/or exterior use not subjected to constant moisture, hydrostatic pressure or continuous water saturation.

## FEATURES / BENEFITS

- Re-emulsifiable/rewettable; VOC compliant
- Excellent bonding agent/superior adhesive strength
- Admixture drastically increases durability, adhesion and curing of cement base mortars and stucco
- Can be used when there is a delay between primer application and subsequent topping or underlayment

## SPECIFICATIONS/COMPLIANCES

- ASTM C 1059 Latex Agents for Bonding Fresh to Hardened Concrete - Type I
- ASTM C 932 Surface-Applied Bonding Compounds for Exterior Plastering

## APPLICATION

**Primer/Bonding agent for underlayments, plaster and stucco:** Surfaces to which SPECWELD is to be applied must be clean, dry, structurally sound, and free of water, soluble materials, or contaminants.

SPECWELD has a coverage rate of 150-250 square feet per gallon. The coverage rate varies with the porosity of the surface. Apply with a brush, broom or sprayer and brush into the surface. Drying time is two to three hours at 70°F. SPECWELD will remain slightly tacky when dry. Accumulation in low areas should be wiped up. Poor ventilation will delay normal drying time. Fans will help increase air circulation to speed drying time.

Under normal conditions, SPECWELD can be applied up to 10 days before installation of toppings, provided the coated surface is clean and free of all foreign materials. Traffic should be kept to a minimum.

Very porous surfaces will require two applications of SPECWELD. Allow two to three hours between applications.

If a continuous film is not achieved on the surface, reapply SPECWELD.

**Bonding admixture for cement-based mortars/stucco:** Replace one half of mixing water with SPECWELD. Mix as usual. Properties achieved when using SPECWELD as an admixture will depend on composition of the stucco/mortar. Verify suitability in each application prior to application. Modifying with SPECWELD will improve the adhesion and durability of cement based mortars/toppings.

## PACKAGING

55 gallon drums (208.2 L)  
 5 gallon pails (18.9L)  
 1 gallon jugs (3.8L) (4 to a case)

## TYPICAL TEST DATA

Application Rate	150-250 ft <sup>2</sup> /gal
Dry Time @ 72° (22°C)	2-3 hours
Bond Strength ASTM C1042	1825 psi
VOC	0 g/L

## LIMITATIONS / PRECAUTIONS

Do not allow to freeze  
 Do not apply over frozen surfaces, water soluble paints, rust or peeling paints.  
 Do not apply where hydrostatic pressure is present or in areas subjected to continuous water saturation or immersion.  
 Until topping is placed, protect SPECWELD film from dirt and other job site contaminants.  
 Avoid hazards by following all precautions found in the Safety Data Sheets (SDS), product labels, and technical literature.

## SHELF LIFE / STORAGE

Shelf life of SPECWELD in the original tightly closed container is 1 year from the date of manufacture. Do not allow the accumulation of water, dirt or other contaminants.

## TECHNICAL SERVICES

For assistance, contact technical services at:  
 866-791-8700 816-968-5600  
[www.specchemllc.com](http://www.specchemllc.com)



1511 Baltimore Ave, Suite 600  
 Kansas City, MO 64108  
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# WARRANTY

## NOTICE-READ CAREFULLY CONDITIONS OF SALE

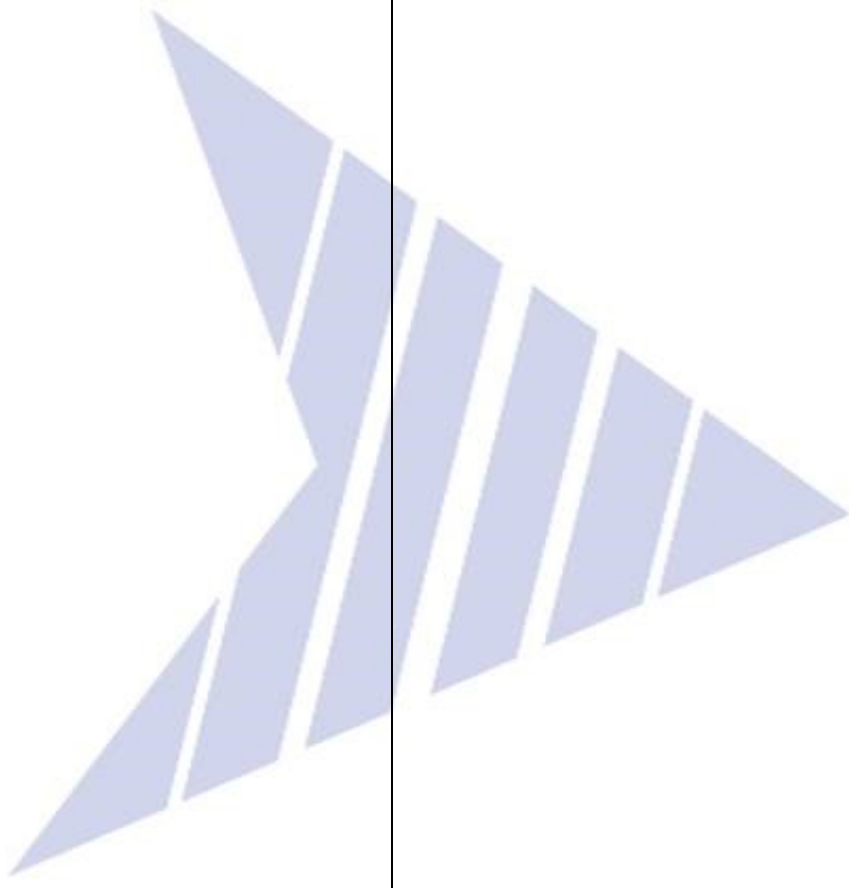
SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

## WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

## INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



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