



SPEX•CRETE™

WB Bonding Agent

Description

Spex•Crete™ WB Bonding Agent is an architectural grade, water-based emulsion formulated for bonding cement-based products to interior, structurally sound masonry and concrete surfaces.

Features

- VOC compliant
- **Allows overlays to be applied as soon as dry to the touch (~1 hour) or delayed for up to 7 days**
- **Ready to use, no site dilution**
- May be applied over damp or dry substrate
- Non-toxic, non-flammable and non-staining
- Bonds to new or old concrete, masonry, wood, marble, gypsum board
- Unaffected by alkalinity of Portland Cement
- Retains strength and flexibility indefinitely
- Improves tensile and shear strengths
- Unaffected by severe heat / cold (-35° F – 300° F)
- Thick, non-run formula
- Dries clear
- Provides better adhesion to old or new concrete surfaces for patching, grouting, or coating

Applications

- Subfloor Prep
- Cement mixes to concrete, wood, gypsum substrates
- Mass Timber Construction
- Building / Flooring Restoration
- Luxury Apartments / Condos

Limitations

- **DO NOT DILUTE**
- Do not apply over frozen concrete or any substrate where frost is present.
- Do not use or apply when temperature is below 40° F or will fall below 40° F within 24 hours.
- Do not allow material to freeze.

Technical Data*	
Density	~8.7 pounds/gal
pH	4.5 – 6.0
VOC Compliant	YES
Water Based	YES
Color	Milky White; Dries Clear

*Results are based on lab conditions. Field results may vary.

**Coverage shown below is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of equipment used, thickness applied, and application methods used.

Estimating Guide

Each 5 Gallon Pail Covers ~750 – 1,500 square feet

Packaging

5 Gallon Pails

36 Pails / Pallet

- Do not apply where constant moisture is present as in concrete ceiling areas subject to wetting from above.
- Do not use in areas subject to immersion in water such as pools.
- **KEEP OUT OF REACH OF CHILDREN**



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Directions

Preparing the Substrate: Surfaces receiving Spex•Crete™ WB Bonding Agent must be clean, structurally sound, and free of oil, grease, wax, dirt, mildew, soil, release agents, efflorescence and other foreign matter. All spalled and scaled material must be removed. Very dense or smooth areas may require etching with muriatic acid to achieve a surface having the appearance of fine sandpaper. If an acid wash is used, it must be neutralized with copious amounts of water before applying Spex•Crete™ WB Bonding Agent. Surfaces to receive bonding agent may be damp but must be free of standing water. High gloss paint surfaces should be dulled by sanding prior to application.

Mixing: Use Spex•Crete™ WB Bonding Agent as packaged in original container. **DO NOT DILUTE.** Stir or shake to ensure there is no settling.

Placing: Use brush, roller or spray to apply, whichever method is best suited for the job size and will ensure complete coverage of the substrate. If using a spray method, use equipment delivering 30 – 40 psi through nozzle that will displace 6 – 8 CFM. Regardless application method used, Spex•Crete™ WB Bonding Agent should be applied in a thin and continuous film. **DO NOT LEAVE PUDDLED** on horizontal surfaces. For maximum bond, allow Spex•Crete™ WB Bonding Agent to thoroughly dry before applying topping material. Topping mix may be applied up to 7 days after initial application if Spex•Crete™ WB Bonding Agent film is kept clean and intact. See topping material manufacturer's specifications for minimum of thickness requirements. Mark control joints in base floor and mirror through overlay material applied over the Spex•Crete™ WB Bonding Agent.

Clean Up: After use, immediately wash equipment used in placement with clean water. Dispose of contents/containers in accordance with local/regional/national regulations.

Spex•Crete™ Limited Warranty and Safety Information

SpexCrete warrants that this product, at the time of shipment, conforms to the specifications noted in the Technical Data section above. All other information provided in this Technical Data Sheet is to be used as guidance only and there are no warranties relating to the information which extend beyond the description on the face hereof. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. SpexCrete has a sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any defective SpexCrete product at cost if justified by SpexCrete. No warranty is given for any technical advice or recommendations provided by SpexCrete. Buyer waives all claims under this limited warranty unless it has given written notice and proof of defect to SpexCrete within 15 days of delivery.

DANGER Harmful if swallowed. May cause an allergic skin reaction or burn, serious eye damage and/or respiratory irritation. This product may contain a chemical known to the state of California to cause cancer, or birth defects, or other reproductive harm. May cause damage to organs through prolonged or repeated exposure if inhaled.

Prevention Statement: Do not breathe dust/fume/gas/mist/vapor/spray. Wash hands and skin thoroughly after handling. Do not eat, drink or smoke while using this product. Mix outdoors or in a well-ventilated area. Contaminated work clothes should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER/Doctor. IF ON SKIN: Immediately take off all contaminated clothing. Rinse skin with plenty of water or shower. Immediately call a POISON CENTER/Doctor. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/Doctor if you feel unwell.

If exposed or concerned: Get medical advice/attention. Repeat Exposure: Get medical advice/attention if you feel unwell.

Disposal: Dispose of contents/container in accordance with local/regional/national regulations.

