

WPC-500 Waterproofing Coating

WPC-500: Product Description

Seal Bond WPC-500 is a single-component, solvent-free, multi-purpose waterproofing coating based on modified-urethane moisture cure technology. WPC-500 is intended for use on a variety of common roofing surfaces such as flashings, penetrations and skylights. WPC-500 is typically used without a surface primer. See "Limitations" below for special considerations.

WPC-500 provides an easy to use multi-purpose roof repair and termination coating that seals and protects against moisture penetration. The coating will cure once it is exposed to atmospheric moisture forming a permanent, durable membrane. Due to its flow and non-gassing properties WPC-500 can be applied with a brush, roller or by trowel methods. Only one coat is typically required, but for demanding areas two coats may be applied. For additional reinforcement a glass fiber membrane may also be added.

Features

- One-part with no mixing
- Solvent and Isocyanate-free, 100% solids
- Adhesion to a wide range of roofing and construction surfaces
- Excellent Weatherability
- Permanently Elastic
- Non-flammable

Physical Properties

- Basic Material: Modified-Urethane Polymer
- Consistency: Semi Self-Leveling Coating
- Colors: Light Grey
- Odor: Nil
- Specific Gravity: 1.4-1.5
- Shelf Life: 10 months in unopened containers stored below 80° F/27°C.

Performance Properties

- Very broad range of temperature applications; workable when water-based sealers would freeze
- No out-gassing during cure means no performance compromising air pockets
- Low VOC's
- Low odor
- Excellent adhesion when used according to directions and on approved substrates

Instructions

WPC-500 can be dispensed by gunning with a professional caulk gun and then brushed, rolled or trowelled to obtain the desired finish.

Critical areas can be optimized by applying a single coating of WPC-500 and then placing a glass fiber reinforced membrane into the coating. A second coating of WPC-500 would then be applied to cover the membrane and to complete this waterproofing system.

Once opened WPC-500 has a working time of about 2 hours in temperatures under 77°F/25°C. Higher temperatures and exposure to humidity will shorten working time of this material.

Packaging Options

28 fluid ounce cartridges and 20 fluid ounce sausages

Limitations

Do not apply to surfaces that are not clean and free of standing water, dirt, grease, oil, frost, old sealants, or other foreign substances.

Use on EPDM and TPO will require surface cleaning and priming.

When used on gravel surfaces, gravel should be removed down to plies.

WPC-500 is a complete formula and should not be mixed with other extenders or compounds.

Limitations on Our Warranty

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Listed physical properties are typical and should not be construed as specifications. No warranty is made, expressed or implied, regarding such other information, the data on which it is based, or the results you will obtain from its use. No warranty is made, expressed or implied that our product shall be fit for any particular purpose. No warranty is made that the use of such information or our product will not infringe upon any patent. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Before using, read the material safety data sheet and follow all precautions.