

PRODUCT DESCRIPTION

BondTite 1102 is a 100% solids, two-component epoxy primer specifically designed to mitigate Moisture Vapor Transmission (MVT) and create a suitable surface for subsequent coatings. By reducing moisture vapor emissions, BondTite 1102 minimizes the risk of coating issues such as delamination and/or blistering. In high moisture vapor transmission conditions, BondTite 1102 is an essential primer for concrete. Additionally, it can serve as a clear sealer, though please note that prolonged exposure to sunlight may result in yellowing.

APPLICATION DATA SUMMARY

See Application Instructions for complete information on surface preparation, equipment, environmental conditions, application procedures, and safety precautions. For conditions outside the specifications or limitations described, contact Wolverine Coatings Corporation for details.

SURFACE PREPARATION OF SUBSTRATE

New Concrete: Cure at least 28 days. Prepare concrete in accordance with SSPC-SP13/NACE #6 "Surface Preparation of Concrete". Shot-Blast concrete to provide a ICRI-CSP 3-4 surface profile. Contact your Wolverine Coatings Representative for recommendations to fill joints, cracks, spalls, and holes.

Existing Concrete: Surface must be dry, clean, free of oil, grease, form release agents, curing compounds laitance, other foreign matter and be structural sound. The minimum standard of cleanliness is SSPC-SP13/NACE #6 "Surface Preparation of Concrete". Shot-Blast concrete to provide a ICRI-CSP 3-4 surface profile. Contact your Wolverine Coatings Representative for recommendations to fill joints, cracks, spalls, and holes.

Previously Coated Concrete: Do not apply over existing coatings. All previous sealers, paint, and coatings must be removed through mechanical preparation. Once all existing coatings are removed, follow the instructions for **Existing Concrete** (above). If the existing coating cannot be removed, then please consult with your Wolverine Coatings Representative.

For more information on surface preparation, refer to WCC Technical Information Bulletin: "Preparing Concrete to Receive Coatings or Linings".

SAFETY PRECAUTIONS

Read the Safety Data sheet carefully before use. Safety precautions in the SDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause physical hazards. For further information, please refer to WCC Technical Information Bulletin: "Safe Handling of Epoxy Resin Systems".

APPLICATION DATA

Substrate:	Properly prepared Concrete
Surface Preparation	
Concrete	AMPP SSPC-PS13/NACE No. 6
Application Method:	Squeegee and back roll
Thinner:	Not Recommended
Equipment Cleaner:	MEK
Mixing: BondTite 1102 is packaged in pre-measured containers consisting of Resin Part A and Hardener Part B which must be mixed together before use. Refer to WCC Video: "Mixing Tutorial - Resinous Material" for in depth, step-by-step mixing instructions	

Application Environmental Conditions	
Temperature Range:	50-120°F
Max Relative Humidity:	80%
Surface Temperature:	55-90°F (>5°F above the Dew Point)

LIQUID PHASE PHYSICAL DATA

Property	Value	Test Method
Mix Ratio: (By Volume)	2 Parts Resin (Part A) : 1 Part Hardener (Part B)	-
Solids By Volume:	100%	ASTM D3960
Theoretical Flash Point:	Resin: 429°F Hardener: 201°F	-
Induction Period:	None	-
VOC:	None	-
Mixed Density: (@ 77°F / 50% RH)	9.08 lbs./Gal	ASTM D1475
Mixed Viscosity: (@ 77°F / 50% RH)	650-850 cps (@10 rpm)	ASTM D2196