



TECHNICAL DATA SHEET – BC-100

Revised:10/2020

PRODUCT DESCRIPTION

BC-100 Bond Coat is a proprietary product used with MIL-PRF-3135. **BC-100 Bond Coat** should be used on decking requiring a primer prior to the application of Epoxy Underlayment or Membrane Decking.

MIXING AND APPLICATION

BC-100 Bond Coat is not required when a topcoat is being applied over a nonporous surface such as cured epoxy primer. However, **BC-100** should be used prior to the application of EU-100 & EU-100 Lightweight Underlayment Systems.

- Select proper amount of **BC-100 Bond Coat** to match job requirements.
- When ready to apply **BC-100** mix part A and part B together thoroughly for approximately three minutes, be sure to scrape the sides and bottom of can to ensure complete mixing.
- Apply with brush and/or short nap roller. Apply to all surfaces where Underlayment is to be applied to include cove base and protrusions, avoid puddles.
- Allow **BC-100** to remain on deck no more than 30 minutes before applying Underlayment. Underlayment must be applied while Bond Coat is still tacky.

UNDERLAYMENT (IF REQUIRED)

EU-100 & EU-100 Lightweight Epoxy Underlayment may be used when the deck requires change in contour or grade or to eliminate weld seams on sealed decks.

- **BC-100** must be applied to the deck surface before the application of epoxy underlayment's.
- Apply underlayment over tacky Bond Coat with steel trowel.
- Follow on information required for the EU-100 & EU-100 Lightweight; refer to products technical data sheet.

PRODUCT SPECIFICATIONS

V.O.C	1.1 lbs per gallon (132 grams/ liter)
VOLUME SOLIDS - %	86.1 % by volume
POT LIFE	40 Min. @ 70°F (21°C)
DRY TIME	12 Hrs. @ 70°F (21°C)
CURE TIME	1-2 Days @ 70°F (21°C)
ESTIMATE COVERAGE	80 sq. ft./kit, ½ gallon kit
WEIGHT	6.3 lbs per ½ gallon (1.51 kg/ liter)
FLASH POINT	102°F (>39°C)
PACKAGING	½ gallon kit
SHELF-LIFE	1 Year

BC-100

BOND COAT – MIL-PRF-3135

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CAUTION: Read Safety Data Sheet before using this material. Use only with adequate cross ventilation. Keep away from extreme heat, sparks and open flame. Keep from freezing. Avoid prolonged breathing of vapors. For dizziness, seek fresh air. Avoid contact with skin. Use gloves, goggles and coveralls. In case of spillage on clothing, change clothing to prevent prolonged contact with skin. Wash contaminated clothing before reuse. In case of accidental contact with skin, wash immediately with soap and water. In case of eye contact, flush thoroughly with plenty of water and call physician. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately. The user of this product is responsible for making its own evaluation and tests regarding the capabilities, safety, utility, suitability and application of the product, and assumes all risks and liabilities resulting from the use or application of the product, whether used alone or with other products. ITW Polymers Sealants North America, Inc. (herein referenced to as the COMPANY) warrants only that the product conforms to the specifications contained in product Technical Data Sheets published By the COMPANY, a copy of which is available to the user. If the product fails to conform to this warranty, the user shall return the product within 10 days of the purchase date with a note specifying the defect and the COMPANY will either replace the product or at its option, return the purchase price. EXCEPT AS EXPRESSLY PROVIDED IN THIS PARAGRAPH, THE COMPANY MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, NATURE OR DESCRIPTION, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND HEREBY DISCLAIMS THE SAME. In no event shall the COMPANY be liable to the user of this product, whether in contract or in tort or any other legal theory (including, without limitation, negligence), for damages which exceed the purchase price of the product, or for any indirect, incidental, consequential or similar damages, arising out of sale, use or application of the product, or for any claim made against the user by any other party, even if ITW Polymers Sealants North America, Inc. has been advised of the possibility of such claim.