



TECHNICAL DATA SHEET – BC-100

Revised:08/2023

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 to 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	2 Years

BC-100

LIGHT WEIGHT EPOXY UNDERLAYMENT BOND COAT
MIL-PRF-3135, TYPE I CLASS 2 GRADE B, TYPE II
CLASS 2 GRADE B, TYPE III CLASS 2 GRADE B

The responsibility for surface preparation and product application rests with the customer. ITW Polymers Sealants North America, Inc. will assume no liability or imply any warranty as to the serviceability of the products or application due to the fact we have no control over surface preparation, environmental conditions or application procedures. ITW Polymers Sealants North America, Inc. technical assistance is advisory only unless otherwise specified

American Safety Technologies is a ® Registered Trademark of Holcim Solutions and Products US, LLC. © Copyright 2023 Holcim Solutions and Products US, LLC. All rights reserved. Published technical data and instructions are subject to change without notice. Please visit the online catalog at www.holcimast.com for the most current technical data and instructions. Or you may contact your Holcim representative for current technical data and instructions. EXCLUSION OF WARRANTIES: INSTALL AS DIRECTED ON AMERICAN SAFETY TECHNOLOGIES PRODUCT DATA SHEET. USER DETERMINES SUITABILITY FOR INTENDED USE AND ASSUMES ALL RISK AND LIABILITY. THIS PRODUCT IS SOLD "AS IS". EXCEPT AS REQUIRED BY LAW, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF TERMS ARE NOT ACCEPTABLE, RETURN UNOPENED PRODUCT TO PLACE OF PURCHASE.