

Technical data sheet

BC Aluminum-Faced Flexible Flashing

Product Description:-

BCI Aluminum Flashing is a self-adhering flexible membrane flashing with an aluminum facer. It is a roll-type product that is nominally 40 mils thick. This material is an air, vapor, and liquid moisture barrier. When properly applied, the product reduces the risk of rot and mold development.

Uses:

BCI Aluminum Flashing provides protection against water infiltration in critical areas, such as window and door openings, deck-to-wall intersections, corner boards, wall-to-wall tie-ins, foundation sill plates, sheathing panel seams, under stucco finishes, masonry walls, and other non-roof detail areas. Suitable substrate types are wood, concrete, concrete masonry units (CMU), and exterior gypsum sheathing.

Application Surface Preparation:

Apply BCI Aluminum Flashing in fair weather conditions when the air, surface and membrane are at temperatures of 25° F (-4° C) or higher. After precipitation, allow a minimum of 24 hours for drying before installation. Install directly onto a clean and dry surface. Remove dust, dirt, and loose nails. Protrusions must be removed. Surfaces should have no voids or damaged/unsupported areas. Repair surfaces before installing. Surfaces should be free of scale, rust, grease, and oil and conditioned with BCI-PRIME™ Or BCI-PRIME W/B From Building Chemistry Industry

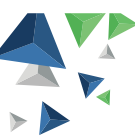
Features/Benefits:

- Aluminum-faced film-provides improved sealant adhesion and extended UV exposure.
- Easy to install.
- Reduces the risk of rot and mold development.
- Superior adhesion.
- Seals around fasteners.
- Watertight.

LEED Information:

- May help contribute to LEED credits
- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management
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Packaging:

Available in cut sizes. Also available in cut rolls of 4", 6", 9", and 12" (102, 152, 224, 326 mm) wide.

NOTE: Some sizes require lead time. All rolls are 75' (22.9 m) long.

TECHNICAL DATA:

Property	Test results	Test methods
Thickness, membrane film	0.043in.	ASTMD3767methodA
Puncture Resistance, membrane film	88lbf	ASTME154
Tensile Strength,MD, membrane+film	750 psi	ASTMD412 die C modified
Tensile Strength,CMD, membrane+film	950 psi	ASTMD412 die C modified
Elongation, MD, membrane +film	327%	ASTMD412 die C modified
Elongation, CMD, membrane film	254%	ASTMD412die C modified
Water Absorption	<0.1%	ASTMD570
Water Vapor Transmission	<0.01Perms	ASTME96, B
Rubberized Asphalt Softening Point	205°F (96.1° C)	ASTMD36
Flexibility@- 20°F (- 29°C)	Pass	ASTMD1970



Precautions:

Do not leave the product permanently exposed to sunlight. Maximum recommended exposure time is one year. Maximum allowable temperature is 140° F (60° C). The rubberized asphaltic membrane component (soft black side) may not be compatible with most polyurethanes or silicones. BCI offers a line of approved products as part of our complete system. Please refer appropriate detail for your specific application. When used with other products than recommended, ensure compatibility through either testing or written approval from the manufacturer. Membrane adhesion of self-adhesive membranes on oriented strand board (OSB) can sometimes be affected by the level of surface texture or the presence of wax that is part of the binder used to bond together the wood strands. In situations where the membrane adhesion tests should be performed to determine suitability of substrate prior to full installation. If there are variations in the OSB surface, multiple tests may be required.

Important Note:

The information contained herein is to the best of our knowledge true and accurate and is given in good faith, based on practical experience and applied testing Site or application – specific conditions may vary from those described here and thus the correct and successful use of the product is beyond our sphere of influence. If in doubt, the user should therefore first carry out sufficient tests to ensure the product is suitable. Legal liability cannot be accepted, either solely based on the content of this information sheet or any verbal advice given. All BCI Data sheets are updated on regular basis. It is the user's responsibility to obtain the latest version.

DISCLAIMER

The data presented in this sheet are based on laboratory testing and practical experience. Variations in substrate, application method, and environmental conditions may impact performance. Users are advised to carry out tests under their own conditions. Building Chemistry Industry's responsibility is limited to the product replacement in cases of proven manufacturing defect.

