



STURDY-DEK™

ASPHALTIC COVER BOARD

DESCRIPTION

STURDY-DEK is a multi-ply, semi-rigid asphaltic panel composed of a mineral-fortified asphaltic core, formed between two asphalt-saturated fiberglass liners and a plastic separator sheet.

STURDY-DEK is designed to be used as a base material in flat or low-slope roofing. It may be installed over wood, concrete, rigid insulation or as a recover sheet over an existing roof surface which is to be recovered.

USES

STURDY-DEK is used as a coverboard in new bituminous roofing systems or tear-offs. It can also be used as a separator board, and/or a leveling board in re-roofing applications for bituminous roofing systems.

APPLICATION

The surfaces to be covered with **STURDY-DEK** must be dry and debris-free. Ensure underlying substrate and decking is free from trapped moisture. All blisters, ridges, and other surface irregularities must be repaired so that the surface is smooth. Remove loose gravel from existing roofs. Apply only as much **STURDY-DEK** as can be covered by roof membrane the same day.

As the sheets are taken from the pallet, remove the polyethylene separator sheet. Fit panels together and secure via hot asphalt, cold adhesive, low rise foam adhesive, or mechanical attachment. Fastening density and patterns may vary based upon specific membrane manufacturer assemblies. Refer to membrane manufacturer fastening requirements.

Cut sheets with a roofer's knife for fitting as required. Elastomeric roofing membranes, modified bitumen membranes, or built-up roofing may be heat-welded or hot-mopped directly to **STURDY-DEK**. The asphalt board then becomes an integral part of the roof membrane, making it stronger and more puncture-resistant.

FEATURES/BENEFITS

- Dimensionally stable, water-resistant, tough, durable panels.
- Modified bitumen roofing systems can be torched directly to the board. Refer to CERTA requirements for safe and proper torch application.
- Limited number of sheets per pallet to accommodate easier roof loading and distribution.
- UL Classified to ANSI/UL 790 as a component in Class A rated roof systems, reference TGFU.R20803.
- ULC Classified to Canadian Standard CAN/ULC-S107 as a component in Class A rated roof systems, reference TGFU7.R20803.

TECHNICAL AND PACKAGE DATA

	1/8"	1/4"
Thickness (Nominal)	0.125" (3.2 mm)	0.250" (6.4 mm)
Weight per Sq. Ft.	0.67 lb (0.30 kg)	1.58 lb. (0.72 kg)
Asphalt % by weight	>72%	>72%
Sheet Size	4' x 8' (1.2 x 2.4 m)	4' x 8' (1.2 x 2.4 m)
Pallet Quantity	100 sheets	50 sheets
Pallet Weight	2200 lbs (998 kg)	2600 lbs (1179 kg)
Water Absorption ASTM D994	<1%	<1%
Compressive Strength ASTM C472 (50%)	>1700 psi	>1400 psi
Puncture Resistance ASTM E154	120 lbf	130 lbf
Hardness, min 20 lbf ASTM C1278	PASS	PASS

PRECAUTIONS

Moisture conditions during installation may affect the performance of the product and the roof system. Avoid application during rain, heavy fog, dew, and any other conditions that may deposit moisture on surfaces. Cover **STURDY-DEK** promptly after installation. Do not leave exposed. Do not place on wet membranes or adhesives until solvents have completely evaporated. Use only rubber-tired construction equipment. Boards should remain stacked on the pallets on which they are shipped and stored on a smooth, flat surface to prevent deformation before being applied. **DO NOT STACK PALLETS IN STORAGE.** **STURDY-DEK** may be double stacked on a short-term basis only for transportation. Not to be used in applications where contact with a coal-tar based waterproofing system is possible. BLUE RIDGE FIBERBOARD will not be responsible for deficiencies in design, construction, or workmanship; and for product moisture exposure before, during or after installation.



TGFU.R20803
TGFU7.R20803



NoA 23-0623.03

Florida Building Code - Product Approval #FL42402

LEED INFORMATION

May help contribute to LEED credits:

MR Credit Construction Waste Management

MR Credit Recycled Content

MR Credit Regional Materials

Limited Warranty: BLUE RIDGE FIBERBOARD, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

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