

Danback® Flexible Wood Backing Plate

Reduces steel stud backing labor costs by up to 75%.

Danback® Flexible Wood Backing System, featuring D-Blaze® or FlamePRO® fire-retardant treated wood (FRT), has made wood backing installation easy and economical-eliminating cutting, notching, ripping and routing.

Danback provides superior connection shear and pullout strength to support and meet even some of the heaviest loading conditions. Simply snap, flex and screw Danback into place. The patented hinge design actually flexes around the stud and snaps into place for a perfect fit-every time.

- Provides extra screw pullout strength for heavy-duty backing applications
- Available in 48" sections, for either 16" or 24" o.c. framing
- Meets all specifications for commercial and residential applications

Perfect backing system for baseboards, door jams and wood trim, cabinets and vanities and ceiling and crown moldings.

The Evaluation Report Service found that the wood backing material complies with the requirements for fire retardant treated wood described in the International Building Codes (IBC & IRC).

Danback flexible wood backing is available with FSC®-certified lumber and may contribute LEED® points to your project.

MATERIAL SPECIFICATIONS

Material: 3/4" CDX Doug Fir fire-retardant treated wood

Dimensions: 5-1/8" x 48" (130mm x 1219mm)

Packaging: (250) pieces per skid

Product weight: 5.114 lbs/piece

Danback® Flexible Wood Backing Plates (D16, D24)

Product code	Width (in)	Length (in)	Spacing	Packaging Pcs./Skid
D16F*	5-1/8	48	16" o.c.	250
D24F*	5-1/8	48	24" o.c.	250
D16C**	5-1/8	48	16" o.c.	250
D24C**	5-1/8	48	24" o.c.	250

*F = fire-treated plywood.

Trimables available for off-module spacing in bulk quantity.

**FSC-certified lumber available on request, which can contribute to LEED® points on your project.

Contact ClarkDietrich LEED professionals at 888-437-3244 for more information.

FSC chain-of-custody # BV-COC-008121

Load Tables

Installation condition	Nominal (lbs)
Shear / 0" Offset	2440
Shear / 1" Offset	825
Shear / 3" Offset	310
Tension	635

U.S. Patent Nos. 6,705,056 is owned by Kathy Tollenaar

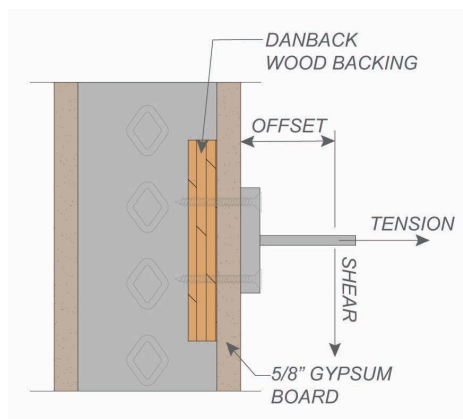
Danback® is a trademark of Kathy Tollenaar

D-Blaze® is a registered trademark of Viance, LLC

FlamePRO® is a registered trademark of Koppers Performance Chemicals, Inc.

Notes:

- Listed load values are nominal test load values, appropriate safety factors/resistance factors should be applied by the designer for calculating loads for intended use.
- Shear / Offset (moment-rotation) Load refers to load directed in the plane of the wall.
- Tension Load refers to load directed perpendicular to wall or plywood surface.
- Tabulated loads include the contribution of 5/8" gypsum board.
- Test loads were applied to the gypsum board and backing system through a 1/2" thick, 2-3/4" diameter steel plate secured with (4) #12 hex head screws.
- Loads were applied directly through the steel plate or to a steel rod that cantilevered from the plate.
- Typical failure mode in backing testing was the gypsum board failure.
- 24-in o.c. stud spacing test results were similar/identical to 16-in o.c. test results.
- Listed nominal capacities are based on using 33mils (20ga) non-structural framing members/studs.
- Anchor to the stud flange using (3) #8 wafer head/pan head screws.



Easy installation.



Snap starter edge into the open side of the stud flange.



HINT: Start with the first full bay. Use Danback trimmables for off-module bays.



Flex Danback flexible wood backing around stud flange using the flexible connector plate.



Repeat the process.



Overlap connector plates when using in long backing runs.



Secure each plate to the stud flange using three small pan or wafer-head screws.

Commonly used in: hospitals, medical centers, schools, hotels/motels, assisted living, condominiums, and others. The perfect backing solution for: cabinets, shelves, counters, sinks, handrails, chalkboards, towel and shower bars, or other wall-mounted fixtures that require heavy-duty backing.



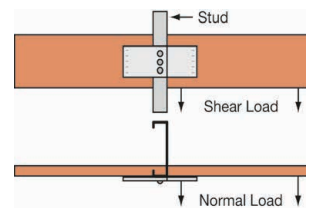
Use Danback trimmables for off-module bays:



Danback trimmables for off-module backing.

Cut to required length. Secure connector plate to the trimmed edge. Leave 1-1/4" extended over the trimmed edge. Fasten the plate to Danback using three small pan or wafer-head screws.

Connector plates included with trimmables.



FlamePRO® Fire Retardant complies with or has been granted the following:

- UL GREENGUARD Gold Certification – UL 2818
- ICC ESR-4244
- AWPA E12, AWPA M4, AWPA P50, AWPA T1 standard
- Cal Fire Certified
- American Institute of Architects Approved
- ASTM 2768
- ASTM D3201, D5516, D5664, E84, E119, 2768, D6305, D6841
- AWPA T1
- AWPA UC-1
- Class A FRT wood
- UL Recognized Component
- NFPA 703, 101 Life Safety Code
- City of Los Angeles Building Code
- City of Los Angeles Residential Code
- National Building Code of Canada
- One & two hour tested wall assemblies
- 50-year warranty
- UL Classified with an FR-S Rating for flame spread and smoke development values of 25 or less (All are subject to revision, re-examination)

D-Blaze® Fire Retardant or D-Blaze® FRT Wood complies with or has been granted the following:

- ASTM E84
- ASTM D3201
- ASTM D5516
- ASTM D5664
- Underwriters Laboratories Classified
- UL Class A (Class 1) with FR-S Rating CAN/ULC S102 & S102.2
- GREENGUARD Gold Certified
- National Fire Protection Association (NFPA 255)
- City of Los Angeles Research Report: RR24502 in accordance with ICC-ES ESR 2645
- New York City Building Code (MEA Numbers 406-87 and 407-87)
- National Building Code of Canada
- AWPA Standardized (P50, U1, UCFA) Interior Type A-High Temperature (HT) FRTW
- California Department of Forestry and Fire Protection CSFM BML Listings for D-Blaze Plywood and Lumber
- ICC-ES ESR-2645
- 50-year warranty (All are subject to revision, re-examination)