

The DTB-TZ Deck Tie Back provides positive anchorage between the deck framing and the exterior wall with a load carrying capacity that exceeds building code requirements. When used in conjunction with MiTek's triple-zinc or gold-coat joist hangers, the DTB-TZ transfers the lateral loads into the exterior wall while the joist hangers support the vertical loads. The DTB-TZ can also be used to reinforce the connection between the rail post and the deck.

Materials: 14 gauge

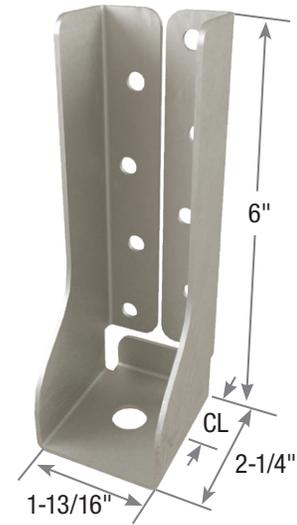
Finish: G-185 galvanizing

Options: DTB is available in Stainless Steel. To order, add SS to stock number, as in DTB-SS.

Codes: IBC, FL

Installation:

- Use all specified fasteners.
- Install with MiTek's 1/2" threaded rod or equivalent.
- Drive WS15-EXT wood screws into joist.
- Re-install threaded rod or anchor bolt. Secure with washer and nut.
- Tighten anchor bolt nuts finger tight snug plus 1/3 to 1/2 additional turns with wrench.



DTB-TZ

Code Watch

The building codes specify that the deck to the house attachment must be designed to resist lateral loads. The lateral load connection shall be permitted to be in accordance with Section R507.2.4 of the International Residential Building Code. Holdown tension devices shall be provided in not less than two locations per deck, and each device shall have an allowable stress design capacity of not less than 1500 lbs.



Typical DTB-TZ rail post installation



Typical DTB-TZ deck to ledger installation

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule				Allowable Loads (Lbs.)			Ctn Qty
			W	L	D	CL	Wall		Joist		DF/SP Tension 160%	S-P-F Tension 160%	Deflection Δ (in) at 160% ²	
							Qty	Bolt ³	Qty	Screws ¹				
DTB-TZ	DTT2Z, FSC	14	1-13/16	6	2-1/4	1-1/8	1	1/2	8	WS15-EXT	1835	1510	0.119	25

1) MiTek's WS15-EXT structural wood screws are 1/4" dia. x 1-1/2" long and are included with DTB-TZ Deck Tie-Backs.
 2) Deflections are derived from static, monotonic load tests of devices connected to DF wood members with specified fasteners.
 3) Minimum ASTM A307 bolt or 1/2" threaded rod with cut washer and hex nut.

Customer Service & Technical Assistance

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