



**MINIMUM FASTENER PENETRATIONS AT THE DECK
(STANDARD ATTACHMENT):**

Deck Type:	Penetration Depth:	Fastener Type:
Plywood or Oriented Strand Board:	1/2" completely through deck	IB HD #14
1" Minimum Wood Plank:	1" into deck	IB HD #14
Steel:	3/4" completely through top flute	IB XHD #15 or IB HD #14
Light Weight Insulating Concrete over Steel Deck:	3/4" completely through top flute	IB XHD #15 or IB HD #14
Structural Concrete:	1-1/4" into deck	CD -10 or Dekspike

IB Standard Pull-Test Values for Fasteners	
7/16" OSB	275 lbs
5/8" OSB	350 lbs
1/2" Plywood	425 lbs
1" Minimum Wood Plank	450 lbs
22 ga. Steel	525 lbs
24 ga. Steel	425 lbs
Structural Concrete	800 lbs
LWIC over 24 ga. Steel	425 lbs
16 ga Purlin	700 lbs

Scale: NTS	Detail Name: <i>Induction Welded TPO Membrane Seam</i>	Detail Number: IW-T-01
Submitted By: Address: Telephone:		Project: Address: