

isofast® Product Data Sheet for Soprema Roof Systems



#12 isofast Belted:

Collated fastener for insulation

isofast belted fasteners are designed for use with the IF-160 or IF-240 automatic installation system.

For insulation attachment:

IF-L-70x70 Galvalume plate



Phillips Head Fastener

Material: Case hardened carbon steel
 Thread Diameter: 0.222"
 Shank Diameter: 0.167"
 Head Diameter: 0.448"
 Head Style: #3 Phillips
 Point Type: Drill point
 Coating: SFS intec e-coat
 Meets FM 4770 corrosion protection

Pull-out Values

Steel Deck:	18 ga.	787 lbs.
	22 ga.	513 lbs.
	20 ga.	695 lbs.
Plywood:	3/4"	575 lbs.
2X Dim Lumbs:	1" pen.	462 lbs.

Pull-out values obtained from laboratory testing. Field testing should be conducted to obtain exact results for each specific application.

Size	SFS Part #	Thread Length	Pieces/Ctn	Weight/Ctn
#12 x 2-1/4"	785705	Full	750	13
#12 x 2-7/8"	785724	Full	750	15
#12 x 3-1/4"	785746	Full	750	17
#12 x 3-3/4"	785770	Full	750	20
#12 x 4-1/2"	785787	4"	750	23
#12 x 5"	785804	4"	750	25
#12 x 6"	785813	4"	750	30
#12 x 7"	1296243	4"	750	36
#12 x 8"	1296248	4"	500	40
IF-L-70x70 insul. plate	735650	N/A	750	61

Application

Fasteners are designed for the attachment of insulation to steel (18-24 ga.) and wood. To meet FM requirements, the fastener must penetrate the high rib of the steel deck 3/4". Minimum penetration in wood is 1". isofast belted fasteners and plates **must** be installed using the IF-160 or IF-240 automatic installation tool available from SFS intec. Use of the isofast installation tool ensures reliable and consistent fastener and plate setting. Use the IF-160 to install belted fasteners up to 6" in length, and use the IF-240 for belted fasteners 7" or greater in length.

SFS intec, Inc.
 Wyomissing, PA 19610
 Phone: 800-DEKFAST
 fax: 610-376-8551
 www.sfsintecusa.com



isofast® Product Data Sheet for Soprema Roof Systems



#15 isofast Belted:

Collated fastener for membrane attachment

The #15 *isofast* Belted fastener is designed for automatic installation and is engineered to provide exceptional membrane system performance. The #15 *isofast* belted fastener offers these technical advantages:

- Superior pull-out performance.
- Specially designed buttress thread for increased back-out resistance.
- Expanded Factory Mutual Ratings
- Approved for steel and wood decks



#15-13 Phillips Head Fastener

Material: Case hardened carbon steel
 Thread Diameter: 0.260"
 Shank Diameter: 0.205"
 Head Diameter: 0.435"
 Head Style: #3 Phillips recess
 Point Type: Reduced drill point
 Coating: SFS intec e-coat
 Meets FM 4770 corrosion protection

Pull-out Values

Steel Deck:	18 ga.	1140 lbs.
	20 ga.	898 lbs.
	22 ga.	706 lbs.
Plywood:	3/4"	703 lbs.

Seam Barbed Plate

Diameter: 2-3/8"
 Material: AZ 50
 Thickness: 0.040"

Size	SFS Part #	Thread Length	Pieces/Ctn	Weight/Ctn
#15 x 2"	1297395	Full	1000	20
#15 x 3"	1297401	Full	1000	31
#15 x 4"	1060285	Full	500	20
#15 x 5"	1297411	4"	500	30
#15 x 6"	1297420	4"	500	32
#15 x 7"	1297427	4"	500	35
#15 x 8"	1297433	4"	500	38
#15 X 9"	1297438	4"	500	44
2-3/8" Barbed Plates	792759	N/A	500	24

Application

Fasteners are designed for the attachment of membrane to steel (18-24 ga.) and wood. To meet FM requirements, the fastener must penetrate the high rib of the steel deck 3/4". Minimum penetration in wood is 1". *isofast* belted fasteners and plates must be installed using the *isofast* automatic installation tool available from SFS intec. Use of the *isofast* installation tool ensures reliable and consistent fastener and plate setting. Use the IF-160 to install belted fasteners up to 6" in length, and use the IF-240 for belted fasteners 7" or greater in length.

SFS intec, Inc.
 Wyomissing, PA 19610
 Phone: 800-DEKFAST
 fax: 610-376-8551
 www.sfsintecusa.com

