

BIM STRUCTURED DATA SHEET REF 02

Structured Data_isofast_IR2-S-4,8_Nov-17_GB_v1

Title Block	Template Category	Self Drilling Fasteners - FR		
Title Block	Category Description	Fasteners suitable for self drilling and threadforming in Flat Roof applications		
		rasteriers suitable for sell drilling and threadionning in riat Roof applications		
Title Block	Template Version 1			
Title Block		For fastening insulation and single ply membrane to steel decks. These connections are for external applications and used in conjunction with stress plates. Their use comprises connections with predominatly static loads.		
	Suitability of Llag			
Title Block	Suitability of Use			
Title Block	Parameter Name/ Question	Value/ Answer	Units	Notes
Manufacturers Data	Manufacturer	SFS intec Ltd	Text	
Manufacturers Data	Manufacturer Website	www.sfsintec.co.uk	URL	
Manufacturers Data	Product Range	isofast	Text	
Manufacturers Data	Fastener Product Name	IR2-S-4,8	Text	
Manufacturers Data	Thermally Broken Insulation Sleeve Product Name	N/A	Text	
Manufacturers Data	Thermally Broken Membrane Sleeve Product Name	N/A	Text	
Manufacturers Data	Insulation Stress Plate Name	IF-70x70	Text	
Manufacturers Data	Membrane Stress Plate Name	IR-82x40	Text	
Manufacturers Data	Product Literature	SFS intec catalogue	URL	
Manufacturers Data	Features	For the fastening of insulation or single ply membrane to steel decks*.	Text	
	100 0004	decks	LIBI	
Manufacturers Data	ISO 9001	www.sfsintec.co.uk/quallity_management	URL	
Manufacturers Data	CE Mark	Yes	Text	
Manufacturers Data	FM Approval	No	Text	
Manufacturers Data	SINTEF Approval	Yes	Text	<u></u>
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Application Data	Flat, Mono Pitch, Duopitch or Barrell roof	Flat, Mono Pitch, Duopitch or Barrell	Text	
Application Data	System Type	Flat Roof membrane & Insulation attachment	Text	
Application Data	Membrane attachment type	For fixing in rows at Membrane seams		
Application Data	Deck type	Steel deck, mimimum 0.63mm	Text	
Application Data	Environmental Corrosion Category to BS EN12944	C3	Text	
Application Data	Estimated Service Life C3 (BS ISO 15686-1:2011)	30	Up to Years	
Application Data	Warranty C3	25	Years	
D: : ID :	I Francis Through Disposition	140		
Dimensional Data	Fastener Thread Diameter	4,8	mm	
Dimensional Data	Fastener Head Diameter	8	mm	
Dimensional Data	Fastener Drive Position	External	Text	
Dimensional Data	Fastener Head Style	Hex Head	Text	
Dimensional Data	,	60,80, 100, 120, 140, 160, 180, 200, 220, 240, 260, 300	mm	
Discourie and Date	Effective Fastener Thread Length	75		
Dimensional Data		N/A	mm	
Dimensional Data Dimensional Data	Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel	N/A 2x1.00	mm	
Dimensional Data	Thermally Broken Insulation Sleeve washer dimension	N/A	mm	
Dimensional Data			mm	
	Thermally Broken Insulation Sleeve Lengths	N/A	mm	
Dimensional Data	Thermally Broken Membrane Sleeve washer dimension	N/A	mm	
Dimensional Data Dimensional Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths	N/A N/A	mm mm	
Dimensional Data Dimensional Data Dimensional Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension	N/A N/A 70x70	mm mm mm	
Dimensional Data Dimensional Data Dimensional Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths	N/A N/A	mm mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension	N/A N/A 70x70 82x40	mm mm mm	
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Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP)	N/A N/A 70x70 82x40 ETA-08/0262	mm mm mm mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data Technical Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating	N/A N/A 70x70 82x40 ETA-08/0262 N/A	mm mm mm mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data Technical Data Technical Data Technical Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material	N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel	mm mm mm mm URL URL Text Text	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316	mm mm mm mm URL URL Text Text Text	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Fastener Material Grade Fastener Material Grade to EN standard	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401	mm mm mm mm URL URL Text Text Text Text Text	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20	mm mm mm mm URL URL Text Text Text URL URL	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A	mm mm mm mm mm mm URL URL Text Text Text URL URL URL URL URL URL	
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Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck Thermally Broken Insulation / membrane Sleeve material	N/A N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A N/A N/A	mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A N/A	mm mm mm mm mm mm URL URL Text Text Text URL URL URL Text met URL URL URL URL URL URL URL mm	
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Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck Thermally Broken Insulation / membrane Sleeve material Insulation / Membrane Stress plate Material Grade Uniclass 2015	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A N/A N/A N/A P/A N/A P/A Pr_20_29_76_76	mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck Thermally Broken Insulation / membrane Sleeve material Insulation / Membrane Stress plate Material Grade	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A N/A N/A Carbon Steel	mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck Thermally Broken Insulation / membrane Sleeve material Insulation / Membrane Stress plate Material Grade Uniclass 2015 Uniclass 2015 Uniclass 2015 Description	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A N/A N/A Carbon Steel Pr_20_29_76_76 Self-drilling sheet metal screws	mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Technical Data	Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Fastener Material Grade Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Deck Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck Thermally Broken Insulation / membrane Sleeve material Insulation / Membrane Stress plate Material Grade Uniclass 2015	N/A N/A N/A 70x70 82x40 ETA-08/0262 N/A Stainless Steel A4, 316 1.4401 20 N/A N/A N/A N/A P/A N/A P/A Pr_20_29_76_76	mm	

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for none-specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.