

## **BIM STRUCTURED DATA SHEET REF 12**

Structured Data\_isoweld\_BS-S-4,81\_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		
Title Block		rasieriers suitable for seil drilling and titleadiorning in riat Kool applications		
THE DIOCK	Template Version	For fastening insulation and single ply membrane to steel/ timber/OSB3 decks. These connections are for external applications and used		
Title Block	Suitability of Use	in conjunction with R75 & R45 thermally broken sleeves. Their		
Title Block		Value/ Answer	Units	1
	Parameter Name/ Question			Notes
Manufacturers Data	Manufacturer	SFS intec Ltd	Text	
Manufacturers Data	Manufacturer Website	www.sfsintec.co.uk	URL	
Manufacturers Data	Product Range	Isotak	Text	
Manufacturers Data	Fastener Product Name	BS-S-4,8	Text	
Manufacturers Data	Thermally Broken Insulation Sleeve Product Name	R75	Text	
Manufacturers Data	Thermally Broken Membrane Sleeve Product Name Insulation Stress Plate Name	R45 N/A	Text	
Manufacturers Data			Text	
Manufacturers Data	Membrane Stress Plate Name	N/A	Text	
Manufacturers Data	Product Literature	SFS intec catalogue	URL	
Manufacturers Data	Features	For the fastening of insulation or single ply membrane to Steel or timber /	Text	
danista atus Diri	100 0004	OSB3 decks.	LIDI	
Manufacturers Data	ISO 9001	www.sfsintec.co.uk/quallity_management	URL	
Manufacturers Data	CE Mark	Yes	Text	
Manufacturers Data	FM Approval	Yes for insulation attachment, No for membrane attachment.	Text	
Manufacturers Data	SINTEF Approval	Yes	Text	
	<del></del>		-	
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, Timber, OSB3, Plywood	Text	
Application Data	Environmental Corrosion Category to BS EN12944	C3	Text	
Application Data	Estimated Service Life C1 (BS ISO 15686-1:2011)	30	Up to Years	
Application Data	Warranty C1	25	Years	
			1	
Dimensional Data	Fastener Thread Diameter	4,8	mm	
Dimensional Data	Fastener Head Diameter	8,9	mm	
Dimensional Data	Fastener Drive Position	External	Text	
Dimensional Data	Fastener Head Style	Torx25-32	Text	
Dimensional Data	Fastener Length	60,80,100,120,140,160,180,200	mm	
Dimensional Data	Effective Fastener Thread Length	75	mm	
Dimensional Data	Fastener Drilling Capacity - Aluminium	N/A	mm	
Dimensional Data	Fastener Drilling Capacity - Steel	2x1.00	mm	
Dimensional Data	Thermally Broken Insulation Sleeve washer dimension	75	mm	
Dimensional Data	Thermally Broken Insulation Sleeve Lengths	35, 65, 85, 105, 135, 165, 185, 225, 255, 285	mm	
Dimensional Data	Thermally Broken Membrane Sleeve washer dimension	45	mm	
Dimensional Data	Thermally Broken Membrane Sleeve Lengths	15, 35,65, 85, 105, 135, 165, 185, 225, 255, 285, 325, 365, 405	mm	
		N/A	mm	1
Dimensional Data	Insulation Stress Plate Dimension			
Dimensional Data Dimensional Data	Insulation Stress Plate Dimension  Membrane Stress Plate Dimension	N/A	mm	
Dimensional Data	Membrane Stress Plate Dimension	N/A	mm	
Dimensional Data  Technical Data	Membrane Stress Plate Dimension  European Technical Approval (ETA)		mm URL	
Dimensional Data  Technical Data Technical Data	Membrane Stress Plate Dimension  European Technical Approval (ETA)  Declaration of Performance (DoP)	N/A ETA-08/0262	mm URL URL	
Dimensional Data  Fechnical Data Fechnical Data Fechnical Data Fechnical Data	Membrane Stress Plate Dimension  European Technical Approval (ETA)  Declaration of Performance (DoP)  Fastener Surface Coating	N/A  ETA-08/0262  N/A	URL URL Text	
Pimensional Data Fechnical Data Fechnical Data Fechnical Data Fechnical Data Fechnical Data	Membrane Stress Plate Dimension  European Technical Approval (ETA)  Declaration of Performance (DoP)  Fastener Surface Coating  Fastener Material	N/A  ETA-08/0262  N/A  Stainless Steel	URL URL Text	
Pimensional Data  Fechnical Data Fechnical Data Fechnical Data Fechnical Data Fechnical Data Fechnical Data	Membrane Stress Plate Dimension  European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Grade	N/A  ETA-08/0262  N/A  Stainless Steel A4, 316	URL URL Text	
Dimensional Data  Gechnical Data Gechnical Data Gechnical Data Gechnical Data Gechnical Data Gechnical Data	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	N/A  ETA-08/0262  N/A  Stainless Steel  A4, 316  1.4401	URL URL Text	
Dimensional Data  Gechnical Data Gechnical Data Gechnical Data Gechnical Data Gechnical Data Gechnical Data	Membrane Stress Plate Dimension  European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating Fastener Material Fastener Material Grade	N/A  ETA-08/0262  N/A  Stainless Steel A4, 316 1.4401 20	URL URL Text Text Text	
echnical Data	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	N/A  ETA-08/0262  N/A  Stainless Steel  A4, 316  1.4401	URL URL Text Text Text Text Text	
Dimensional Data  echnical Data echnical Data echnical Data echnical Data echnical Data echnical Data echnical Data echnical Data echnical Data	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  ETA-08/0262  N/A  Stainless Steel A4, 316 1.4401 20	mm URL URL Text Text Text Text Text mm	
Dimensional Data  Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data	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	N/A  ETA-08/0262  N/A  Stainless Steel A4, 316  1.4401 20 30	mm URL URL Text Text Text Text Text mm mm	
Pimensional Data Pechnical Data	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	N/A  ETA-08/0262  N/A  Stainless Steel  A4, 316  1.4401  20  30  N/A	MM URL URL Text Text Text Text Text mm mm mm	
Dimensional Data  Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data	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  ETA-08/0262  N/A  Stainless Steel  A4, 316  1.4401  20  30  N/A  Polypropleyne	mm URL URL Text Text Text Text mm mm mm Text	
Dimensional Data  Technical Data Technical Data	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  ETA-08/0262  N/A  Stainless Steel  A4, 316  1.4401  20  30  N/A  Polypropleyne	mm URL URL Text Text Text Text mm mm mm Text	
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Pimensional Data Pechnical Data	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	N/A  ETA-08/0262  N/A  Stainless Steel A4, 316  1.4401 20 30 N/A  Polypropleyne N/A	mm  URL URL Text Text Text Text Text mm mm mm Text Text Text Text Text	
Dimensional Data  Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data Technical Data	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	N/A  ETA-08/0262  N/A  Stainless Steel  A4, 316  1.4401  20  30  N/A  Polypropleyne N/A  Pr_20_29_76_76	mm  URL URL Text Text Text Text Text mm mm mm Text Text Text Text Text	

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.