BIM STRUCTURED DATA SHEET REF 11

Structured Data_isotak_BS-4,8_R75-R45_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	Template Version	1		
Title Block	Suitability of Use	For fastening insulation and single ply membrane to steel/ timber/OSB3 decks. These connections are for external applications and used in conjunction with thermally broken sleeves. Their use comprises connections with predominatly static loads.		
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	Isotak	Text	
Manufacturers Data	Fastener Product Name	BS-4,8	Text	
Manufacturers Data	Thermally Broken Insulation Sleeve Product Name	R75	Text	
Manufacturers Data	Thermally Broken Membrane Sleeve Product Name	R45	Text	
Manufacturers Data	Insulation Stress Plate Name	N/A	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 / OSB3 decks.	Text	
Manufacturers Data	ISO 9001	www.sfsintec.co.uk/quallity_management	URL	
Manufacturers Data	CE Mark	Yes	Text	
Manufacturers Data	FM Approval	Yes for Insulation. No for membrane attachment	Text	
Manufacturers Data	SINTEF Approval	Yes	Text	
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	Fixing in rows at membrane Seams		
Application Data	Deck type	Steel, Timber, OSB3, Plywood	Text	
Application Data	Environmental Corrosion Category to BS EN12944	C1	Text	
Application Data	Estimated Service Life C1 (BS ISO 15686-1:2011)	20	Up to Years	
Application Data	Warranty C1	10	Years	
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	50,60,70,80,90,100,110,120,130,140,150,170,190,200,220,240,	mm	
		260,280,300	mm	
Dimensional Data	Effective Fastener Thread Length	75	mm	
Dimensional Data	Fastener Drilling Capacity - Aluminium	N/A	mm	
Dimensional Data	Fastener Drilling Capacity - Steel	2x1.25	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, 405mm	mm	
Dimensional Data	Insulation Stress Plate Dimension	N/A	mm	
Dimensional Data	Membrane Stress Plate Dimension	N/A	mm	
Technical Data	European Technical Approval (ETA)	ETA-08/0262	URL	
Technical Data	Declaration of Performance (DoP)		URL	
Technical Data	Fastener Surface Coating	Durocoat	Text	
Technical Data	Fastener Material	Carbon Steel	Text	
Technical Data	Fastener Material Grade	N/A	Text	
Technical Data	Fastener Material Grade to EN standard	N/A	Text	
Technical Data	Minimum Fastener Embedment into Steel Deck	20	mm	
Technical Data	Minimum Fastener Embedment into Timber / OSB3 Deck	30	mm	
Technical Data	Minimum Fastener Embedment into Concrete Deck	N/A	mm	
Technical Data	Thermally Broken Insulation / membrane Sleeve material	Polypropleyne	Text	
Technical Data	Insulation / Membrane Stress plate Material Grade	N/A	Text	
Classification Data	Uniclass 2015	Pr_20_29_76_76	Text	
Classification Data	Uniclass 2015 Description	Self-drilling sheet metal screws	Text	
Sustainability Data	Country of Manufacture	Turkey	Text	
Sustainability Data	Environmental Product Declaration	No Performance Declared	URL	