

## **BIM STRUCTURED DATA SHEET REF 25**

Structured Data\_isoweld\_TS-T25-6,0\_FI-P-6,8\_Nov-17\_GB\_v1

Title Block	Template Category	Timber Deck Fasteners - FR		
itle Block	Category Description	Fasteners suitable for self drilling in Flat Roof applications		
		rasteriers suitable for sell utiling in rial Roof applications		
Title Block	Template Version	1		
		For fastening insulation & single ply membrane to Timber / Plyw	rood / OSB3	decks. The connections are used in conjunction with stre
itle Block	Suitability of Use	plate FI-P-6,8. Their use comprises connections with predomina		
itle Block				
	Parameter Name/ Question	Value/ Answer	Units	Notes
anufacturers Data	Manufacturer Manufacturer Website	SFS intec Ltd	Text	
anufacturers Data	Manufacturer Website Product Range	www.sfsintec.co.uk	URL	
lanufacturers Data	Fastener Product Name	Isoweld	Text	
lanufacturers Data		TS-T25-6,0	Text	
anufacturers Data	Thermally Broken Insulation Sleeve Product Name Thermally Broken Membrane Sleeve Product Name	N/A	Text	
lanufacturers Data	Insulation Stress Plate Name	N/A N/A	Text	
lanufacturers Data			Text	Lie of DVO on TDO time in demandant on manufactured
lanufacturers Data	Membrane Stress Plate Name	FI-P-6,8-PVC / TPO	Text	Use of PVC or TPO type is dependent on membrane used
lanufacturers Data	Product Literature	SFS intec catalogue	URL	
Manufacturers Data	Features	For the fastening of insulation or single ply membrane to timber / plywood /	Text	
	100 0004	OSB3 decks.	LIBI	
anufacturers Data	ISO 9001	www.sfsintec.co.uk/quallity_management	URL	
lanufacturers Data	CE Mark	Yes	Text	
lanufacturers Data	FM Approval	Yes	Text	
lanufacturers Data	SINTEF Approval	Yes	Text	
pplication Data	Flat, Mono Pitch, Duopitch or Barrell roof	Flat, Mono Pitch, Duopitch or Barrell	Text	
pplication Data	System Type	Flat Roof membrane & Insulation attachment	Text	
pplication Data	Membrane attachment type	Field fixing of membrane fasteners which are welded to membrane.		
pplication Data	Deck type	Timber (min 22mm), Plywood (min 18mm), OSB3 (min 18mm)	Text	
pplication Data	Environmental Corrosion Category to BS EN12944	C1	Text	
pplication 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	6,0	mm	
Dimensional Data	Fastener Head Diameter	9,7	mm	
Dimensional Data	Fastener Drive Position	External	Text	
Dimensional Data	Fastener Head Style	Torx25-32	Text	
Dimensional Data	Fastener Length	50,60,70,80,90,100,110,120,130,140,160,180,200,220,240	mm	
			mm	
Dimensional Data	Effective Fastener Thread Length	70	mm	
Dimensional Data	Fastener Drilling Capacity - Aluminium	N/A	mm	
Dimensional Data	Fastener Drilling Capacity - Steel	N/A	mm	
Dimensional Data	Thermally Broken Insulation Sleeve washer dimension	N/A	mm	
imensional Data	Thermally Broken Insulation Sleeve Lengths	N/A	mm	
imensional Data	Thermally Broken Membrane Sleeve washer dimension	N/A	mm	
imensional Data	Thermally Broken Membrane Sleeve Lengths	N/A	mm	
imensional Data		N/A	mm mm	
imensional Data	Thermally Broken Membrane Sleeve Lengths			Diameter
imensional Data	Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension	N/A 80	mm mm	Diameter
imensional Data imensional Data echnical Data	Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension  European Technical Approval (ETA)	N/A	mm mm URL	Diameter
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imensional Data imensional Data echnical Data	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 80 ETA-08/0262 Durocoat Carbon Steel N/A N/A	mm URL URL Text Text Text Text Text mm	
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imensional Data imensional Data echnical Data	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 Concrete Deck Thermally Broken Insulation / membrane Sleeve material	N/A 80  ETA-08/0262  Durocoat  Carbon Steel N/A N/A N/A N/A N/A N/A N/A N/A N/A	mm mm URL URL Text Text Text Text Text mm mm mm mm Text	
Dimensional Data	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	N/A 80  ETA-08/0262  Durocoat Carbon Steel N/A N/A N/A N/A N/A N/A Adhesive Coated Carbon Steel	mm mm  URL URL Text Text Text Text Text Text Text Text	
Dimensional Data	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	N/A 80  ETA-08/0262  Durocoat Carbon Steel N/A N/A N/A N/A N/A N/A N/A Adhesive Coated Carbon Steel  Pr_20_29_76_76	mm mm URL URL Text Text Text Text Text Text Text Text	
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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.