

BIM STRUCTURED DATA SHEET REF 20

Structured Data_isotak_TIA-6,3_Nov-17_GB_v1

Title Block	Template Category	Self Tapping Fasteners - FR		
Γitle Block	Category Description	Adjustable fasteners suitable for tapered insulation systems on	Flat Roof ap	pplications
Title Block	Template Version	1		
		For fastening insulation and single ply membrane to concrete decks. These connections are for external applications and used in		
Γitle Block	Suitability of Use	conjunction with Sika Trocal thermally broken sleeves. Their us	e 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	TIA-T25-6,3	Text	
Manufacturers Data	Thermally Broken Insulation Sleeve Product Name	N/A	Text	
Manufacturers Data	Thermally Broken Membrane Sleeve Product Name	ST-25	Text	Fits through the Sika S3 stress plate
Manufacturers Data	Insulation Stress Plate Name	N/A	Text	The amought the cital co direct plate
Manufacturers Data	Membrane Stress Plate Name	S3	Text	Supplied by Sika Limited not SFS
Manufacturers Data	Product Literature	SFS intec catalogue	URL	Cappined by Onice Entitled Not 61 C
Manufacturers Data	Features	Adjustable fasteners suitable for tapered insulation systems on Flat Roof	Text	
Manadada Data	i catales	applications	TOAL	
Manufacturers Data	ISO 9001	www.sfsintec.co.uk/quallity_management	URL	
Manufacturers Data	CE Mark	Yes	Text	
Manufacturers Data	FM Approval	No No	Text	
Manufacturers Data	SINTEF Approval	No	Text	
			. JAC	<u></u>
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	Fasteners applied in field fixing pattern. Welded to membrane	Text	Welding using Sika supplied welding compound
Application Data	Deck type	Concrete	Text	Pullout testing by SFS intec is required
Application Data	Environmental Corrosion Category to BS EN12944	C1	Text	T undut testing by or o intee is required
Application Data	Estimated Service Life C1 (BS ISO 15686-1:2011)	20	Up to Years	
Application Data	Warranty C1	10	Years	
Application Data	TVV arranty C1	110	Ticals	
Dimensional Data	Fastener Thread Diameter	6,3	mm	
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Dimensional Data	IFastener Head Diameter	9 /	Imm	
	Fastener Head Diameter Fastener Drive Position	9,7 External	mm Text	
Dimensional Data Dimensional Data Dimensional Data	Fastener Drive Position	External	Text	
Dimensional Data Dimensional Data	Fastener Drive Position Fastener Head Style	External Torx25-32	Text Text	
	Fastener Drive Position	External	Text Text mm	
Dimensional Data Dimensional Data Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length	External Torx25-32 70, 90, 120, 150	Text Text mm mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length	External Torx25-32 70, 90, 120, 150 75	Text Text mm mm mm	
Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium	External Torx25-32 70, 90, 120, 150 75 N/A	Text Text mm mm mm mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel	External Torx25-32 70, 90, 120, 150 75 N/A N/A	Text Text mm mm mm mm mm mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A	Text Text mm mm mm mm mm mm mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A	Text Text mm mm mm mm mm mm mm mm mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A	Text Text mm mm mm mm mm mm mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve Washer dimension Thermally Broken Membrane Sleeve Washer dimension Thermally Broken Membrane Sleeve Lengths Thermally Broken Membrane Sleeve Lengths	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths Thermally Broken Membrane Sleeve washer dimension	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A N/A 25	Text Text mm	S3 Plate Supplied by Sika Limited not SFS
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension	External Torx25-32 70, 90, 120, 150 75 N/A	Text Text mm	S3 Plate Supplied by Sika Limited not SFS
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension	External Torx25-32 70, 90, 120, 150 75 N/A	Text Text mm	S3 Plate Supplied by Sika Limited not SFS Pullout testing by SFS intec is required
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension	External Torx25-32 70, 90, 120, 150 75 N/A	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths Thermally Broken Membrane Sleeve washer dimension Thermally Broken Membrane Sleeve Lengths Insulation Stress Plate Dimension Membrane Stress Plate Dimension European Technical Approval (ETA)	External Torx25-32 70, 90, 120, 150 75 N/A	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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)	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A N/A ETA-08/0262	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths Thermally Broken Membrane Sleeve washer dimension Membrane Stress Plate Dimension European Technical Approval (ETA) Declaration of Performance (DoP) Fastener Surface Coating	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A Solution ETA-08/0262 Durocoat	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A S25 N/A 80 ETA-08/0262 Durocoat Carbon Steel	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A N/A ETA-08/0262 Durocoat Carbon Steel N/A	Text Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A N/A ETA-08/0262 Durocoat Carbon Steel N/A N/A N/A N/A N/A N/A	Text Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A Solution ETA-08/0262 Durocoat Carbon Steel N/A	Text Text mm	
Dimensional Data Echnical Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A So ETA-08/0262 Durocoat Carbon Steel N/A	Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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 Timber / OSB3 Deck	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A N/A So ETA-08/0262 Durocoat Carbon Steel N/A	Text Text Text mm	
Dimensional Data	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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 Concrete Deck Thermally Broken Insulation / membrane Sleeve material	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A So ETA-08/0262 Durocoat Carbon Steel N/A	Text Text Text mm	Pullout testing by SFS intec is required
Dimensional Data Dimens	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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 Concrete Deck Thermally Broken Insulation / membrane Sleeve material	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A So ETA-08/0262 Durocoat Carbon Steel N/A	Text Text Text mm	Pullout testing by SFS intec is required
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Dimensional Data Dimens	Fastener Drive Position Fastener Head Style Fastener Length Effective Fastener Thread Length Fastener Drilling Capacity - Aluminium Fastener Drilling Capacity - Steel Thermally Broken Insulation Sleeve washer dimension Thermally Broken Insulation Sleeve Lengths 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 Timber / OSB3 Deck Thermally Broken Insulation / membrane Sleeve material Insulation / Membrane Stress plate Material Grade	External Torx25-32 70, 90, 120, 150 75 N/A N/A N/A N/A N/A S0 ETA-08/0262 Durocoat Carbon Steel N/A	Text Text Text Text Text mm	Pullout testing by SFS intec is required

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.