

Title Block	Template Category	Self Drilling Fasteners - RC
Title Block	Category Description	Fasteners suitable for self drilling, threadforming and sealing in roof and wall cladding applications
Title Block	Template Version	1
Title Block	Suitability of Use	For fastening steel sheeting or steel lined composite panels to steel/ timber substructures. These connections can be internal or external applications and 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	SX3	Text	
Manufacturers Data	Product Model Number	No Performance Declared	Text	Values cover complete product range
Manufacturers Data	Product Literature	SFS intec catalogue	URL	
Manufacturers Data	Features	Fastening of steel or aluminium sheet to steel or aluminium structure in one operation.	Text	
Manufacturers Data	ISO 9001	www.sfsintec.co.uk/quality_management	URL	
Manufacturers Data	CE Mark	Yes	Text	
Application Data				
Application Data	Roof or Wall Coverings	Roof and Wall	Text	
Application Data	System Type	Single skin, Twin skin, Composite, Standing Seam	Text	
Application Data	Sub structure material	Steel - cold rolled, Aluminium	Text	
Application Data	Environmental Corrosion Category to BS EN12944	C1,C2,C3,C4,C5,C5i	Text	
Application Data	Estimated Service Life C3 (BS ISO 15686-1:2011)	50	Up to Years	
Application Data	Warranty C3	40	Years	
Dimensional Data				
Dimensional Data	Thread Diameter	6, 5.5	mm	
Dimensional Data	Drive Position	Internal and External	Text	
Dimensional Data	Head Style	Hex 8mm, Low Profile Irius 12mm, Low Profile Dome 12mm	Text	
Dimensional Data	Length	29, 30, 38, 40, 48, 50	mm	
Dimensional Data	Washer Dimension	12,16,19,29	mm	
Dimensional Data	Effective Thread Length	9 - 28	mm	
Dimensional Data	Drilling Capacity - Aluminium	1.0 - 3.0	mm	
Dimensional Data	Drilling Capacity - Steel	0.63 - 3.0	mm	
Dimensional Data	Product Weight per 100	0,516 - 1,542	kg	
Technical Data				
Technical Data	Powder Coated Head/ Washer	Option	Text	Available to any RAL, BS or NCS colour
Technical Data	European Technical Approval (ETA)	ETA-10/0198	URL	
Technical Data	Declaration of Performance (DoP)	DoP-SX3-6.0xL	URL	
Technical Data	Fastener Surface Coating	Zinc Flash	Text	
Technical Data	Fixing Material	Austenitic Stainless Steel - Bimetal	Text	
Technical Data	Fixing Material Grade	304/A2, 316/A4	Text	
Technical Data	Fixing Material Grade to EN standard	EN1.4567, EN1.4401	Text	
Technical Data	Shear Performance	8,293	Newtons	
Technical Data	Tensile Performance	11,282	Newtons	
Technical Data	Free Spin Zone	No	Text	
Technical Data	Bending Form Performance (80mm panel)	No Performance Declared	Text	
Technical Data	Washer Material - Metal	Austenitic Stainless Steel	Text	
Technical Data	Washer Material Metal Grade	304/A2, 316/A4	Text	
Technical Data	Washer Material Metal Grade to EN standard	EN1.4567, EN1.4401	Text	
Technical Data	Washer Material - Sealing	Vulcanised EPDM	Text	
Classification Data				
Classification Data	Uniclass 2015	Pr 20 29 76 76	Text	
Classification Data	Uniclass 2015 Description	Self-drilling sheet metal screws	Text	
Sustainability Data				
Sustainability Data	Country of Manufacture	Switzerland	Text	
Sustainability Data	Environmental Product Declaration	No Performance Declared	URL	

Information and Accuracy

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.