















**Passive Fire
Protection**

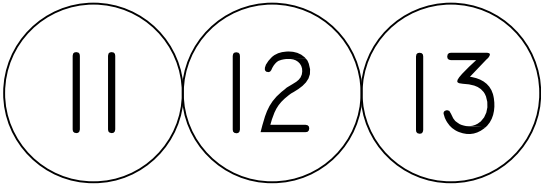

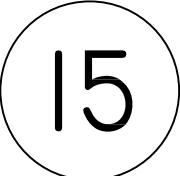
**Installation Drawing Catalogue
Issue 3**

Drq	Product	CCF Part	F/F Part	Description
		157439	F10CS1/2	Firefly half inch M10 Drive for Firefly Rapid Install System Channels
		157440	F10CS3/8	Firefly three eighth M10 Drive for Firefly Rapid Install System Channels
1		753334	FSF4020PG2	Firefly 40 x 40 x 2mm Plain Channel - Pre Galvanised 2m
2		672568	FS2115PG3S11	Firefly 41mm x 21mm x 1.5mm Slotted Channel - Pre Galvanised 2m
S/O		Specials	various	Different lengths and colours are available on special order
3		157444	FSF501/H5/60	Firefly Rail Cramped Nut, M10 x 60 hex set bolt, M10 flat washer (loose)
3		938144	FSF501/H5/40	Firefly Rail Cramped Nut, M10 x 40 hex set bolt, M10 flat washer (loose)
4		157445	FSF501	Firefly Connector FSF501
5		938145	FLN10	Firefly Long Spring Channel Nut FLN10
6		157446	FSF503	Firefly Linear Connector (2 Fixings)
7		157447	FSA603	Firefly 90 Deg 1 Hole, 2 Hole Bracket (3 Fixings)
8		157448	FSA603/A	Firefly 90 Deg 1 Hole, 2 Hole Bracket (2 Fixings + Inverted)
9		157449	FSAB09	Firefly 90 Deg 1 Hole, 3 Hole Tee Bracket (2 Fixings + 1 Loose)
10		609947	FSF507	Firefly 4 Hole Tee Bracket (4 Fixings)

TEST RESULTS FOR THE INSTALLATION OF THE FIREFLY PASSIVE FIRE PROTECTION SYSTEM USING SPIT ANCHORING SYSTEM

Installation of 40mm x 40mm unslotted channel onto Steel Purlins, Concrete and Timber

Drg No	Picture	Product	Substrate Type	Length	Predrilled Clearance Hole Dia.	Pilot Hole Diameter	CCF Part	F/F Part	Recommended Load per Fixing	Application
11		TC62 TEK Screw	Steel Purlin 1.6mm Thick	62mm	N/A	N/A	939992	920127	1.1 kN	
12		Tapcon 4H70 Concrete Screw	C20/25 Concrete	70mm	7mm	5mm	939993	921504	2.6kN (30mm Embedment)	
13		HRG76Roofgrip Screw	Structural Grade Timber Joist	76mm	7mm	N/A	939994	921179	1.2 kN	
Installation of Firefly Barrier to 40x40 Solid Channel										
14		CFC26 TEK Screw	40mm x 40mm Firefly Rapid Install Channel	25mm	N/A	N/A	939995	921165	1.3 kN	
Clamping of Firefly Barrier and installation of 20x40 slotted channel onto 40x40 solid channel										
15		TC50 TEK Screw with 19mm washer	40mm x 40mm Firefly Rapid Install Channel	50mm	N/A	N/A	939998 940001	920126 921287	1.1 kN with 4mm build up	
16		U-Clamp	Scaffold Pole with Firefly Rapid install part number 10	80mm	N/A	N/A		52mm diameter		

FIREFLY SCREW FIXING CENTRES	
REF. IN DWG	REQ. FIXING CENTRES
	500MM
	AS REQUIRED TO SUPPORT FIREFLY
	500MM



FIXING CENTRES FOR FIREFLY COMPONENTS USING THE SCREWED FIXING METHOD

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					CHECKED:	MT	
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					SCALE:	NTS	
ISSUE	DESCRIPTION				DATE:	24/01/11	
A	NEW DRAWING						