






## Installation of 41mm x 41mm channel to steel purlins, concrete and timber.

|  | Product                 | Substrate Type                | Length | Predrilled Clearance Hole DIA | Pilot Hole Diameter |
|--|-------------------------|-------------------------------|--------|-------------------------------|---------------------|
|  | FIREFLY® TEK Screw 50   | Steel Purlin<br>1.6mm Thick   | 50mm   | N/A                           | N/A                 |
|  | FIREFLY® Concrete Screw | C20/C25 Concrete              | 70mm   | 7mm                           | 5mm                 |
|  | FIREFLY® Timber Screw   | Structural Grade Timber Joint | 80mm   | 7mm                           | 7mm                 |






## Installation of FIREFLY® Barrier to 41mm x 41mm solid channel, 25 x 25 x 0.7mm Angle or 50 x 50 x 0.7mm Angle. And temporary fixes of FIREFLY® barrier.

|   |                                 |  |      |     |     |
|---|---------------------------------|--|------|-----|-----|
|   | FIREFLY® Pancake head TEK screw | 41mm x 41mm Solid channel / 0.7mm Galvanized Angle | 25mm | N/A | N/A |
|  | 19mm Penny Washers              | N/A  | 19mm | N/A | N/A |

## Installation of 41mm x 41mm channel and 21mm x 41mm channel to 41mm x 41mm channel and 21mm x 41mm channel.

|  |                       |                           |      |     |     |
|--|-----------------------|---------------------------|------|-----|-----|
|  | FIREFLY® TEK Screw 38 | 41mm x 41mm Solid Channel | 38mm | N/A | N/A |
|--|-----------------------|---------------------------|------|-----|-----|

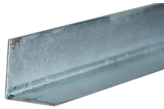

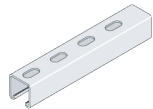
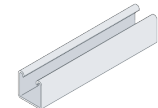
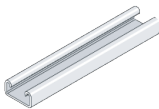
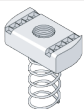
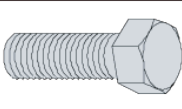
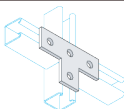
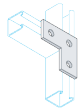
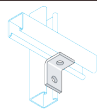
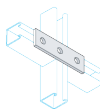
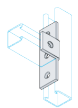

## Other Ancillaries

|   |                                   |                                 |                       |     |     |
|---|-----------------------------------|---------------------------------|-----------------------|-----|-----|
|  | Galvanized Pigtail Screws         | FIREFLY® FB 180 Fire rated Batt | 40mm/90mm /100mm      | N/A | N/A |
|  | Steel Cable Ties – FCT360, FCT840 | Penowrap                        | 360mm & 840mm x 4.6mm | N/A | N/A |
|  | FIREFLY® R31 Staple gun           | FIREFLY® Barrier                | 8mm or 12mm           | N/A | N/A |
|  | FIREFLY® B16 Staple gun           | FIREFLY® Barrier                | 8mm, 12mm or 16mm     | N/A | N/A |
|  | FF Pneumatic Staple Gun           | FIREFLY® Barrier                | 12mm or 16mm          | N/A | N/A |

# Ancillaries and Fixings for the FIREFLY® Passive Fire Protection System



## Construction of Supporting Elements.

|   | Product                                    | Finish     | Brand / Product Code     | Hole Size / Hole Spacing | Size / Length  |
|---|--|------------|--------------------------|--------------------------|--|
|    | FIREFLY®<br>25 x 25 x 0.7mm<br>Equal Angle | Galvanized | N/A                      | N/A                      | 25 x 25mm<br>1.2 Metres                                    |
|    | FIREFLY®<br>50 x 50 x 0.7mm<br>Equal Angle | Galvanized | N/A                      | N/A                      | 50 x 50mm<br>1.2 Metres                                    |
|    | Slotted<br>Unistrut<br>Channel             | Galvanized | Unistrut<br>P1000T       | 11 x 25mm<br>50mm apart  | 41 x 41mm<br>3 Metres                                      |
|    | Unistrut<br>Channel                        | Galvanized | Unistrut<br>P10000       | N/A                      | 41 x 41mm<br>3 Metres                                      |
|   | Half<br>Unistrut<br>Channel                | Galvanized | Unistrut<br>P3300        | N/A                      | 41 x 21mm<br>3 Metres                                      |
|  | Unistrut<br>Spring-Loaded<br>Nut           | N/A        | Unistrut<br>PNL06-PNL12A | 14mm<br>N/A              | N/A  |
|  | Unistrut<br>Hex Screw                      | N/A        | Unistrut<br>933310       | 14mm<br>N/A              | 40mm recommended<br>Other sizes available.<br>(20mm-100mm) |
|  | Flat<br>T-Fitting                          | N/A        | Unistrut<br>P1031        | 14mm<br>20mm from edge   | 41 x 123mm   |
|  | Flat R/Angle<br>Fitting                    | N/A        | Unistrut<br>P1036        | 14mm<br>20mm from edge   | 41 x 82mm  |
|  | 90 Deg<br>Fitting                          | N/A        | Unistrut<br>P1068        | 14mm<br>20mm from edge   | 41 x 46 x 46mm   |
|  | 3 Hole<br>Straight Fitting                 | N/A        | Unistrut<br>P1066        | 14mm<br>20mm from edge   | 41 x 123mm   |
|  | 3+1 Hole 90<br>Deg Fitting                 | N/A        | Unistrut<br>P1038        | 14mm<br>20mm from edge   | 41 x 123 x 46mm  |
|  | Galvanized<br>Flat strap                   | Galvanized | N/A                      | Various                  | N/A  |