# 'Classic Inspire'

## 3m x 4.5m x 2.45m Shed Extension - Back

*User Manual*

Read in conjuction with Kwiktech Build Guide and Kwiktech Tips & Tricks

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# General Arrangement

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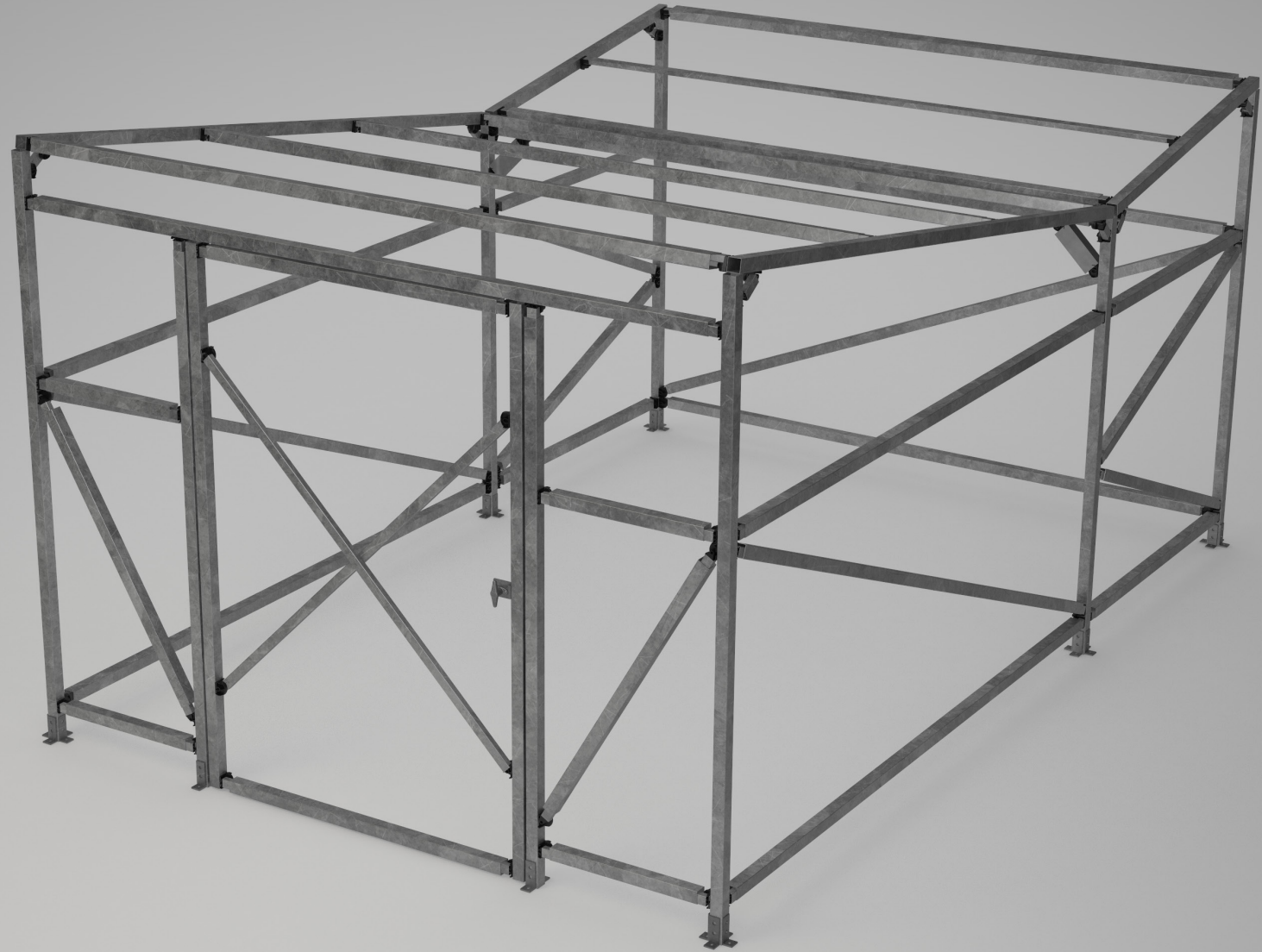CONSULTING

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2450mm
2165mm
2150mm
2750mm
1910mm
3050mm
1455mm
3100mm
4624mm

# Materials List

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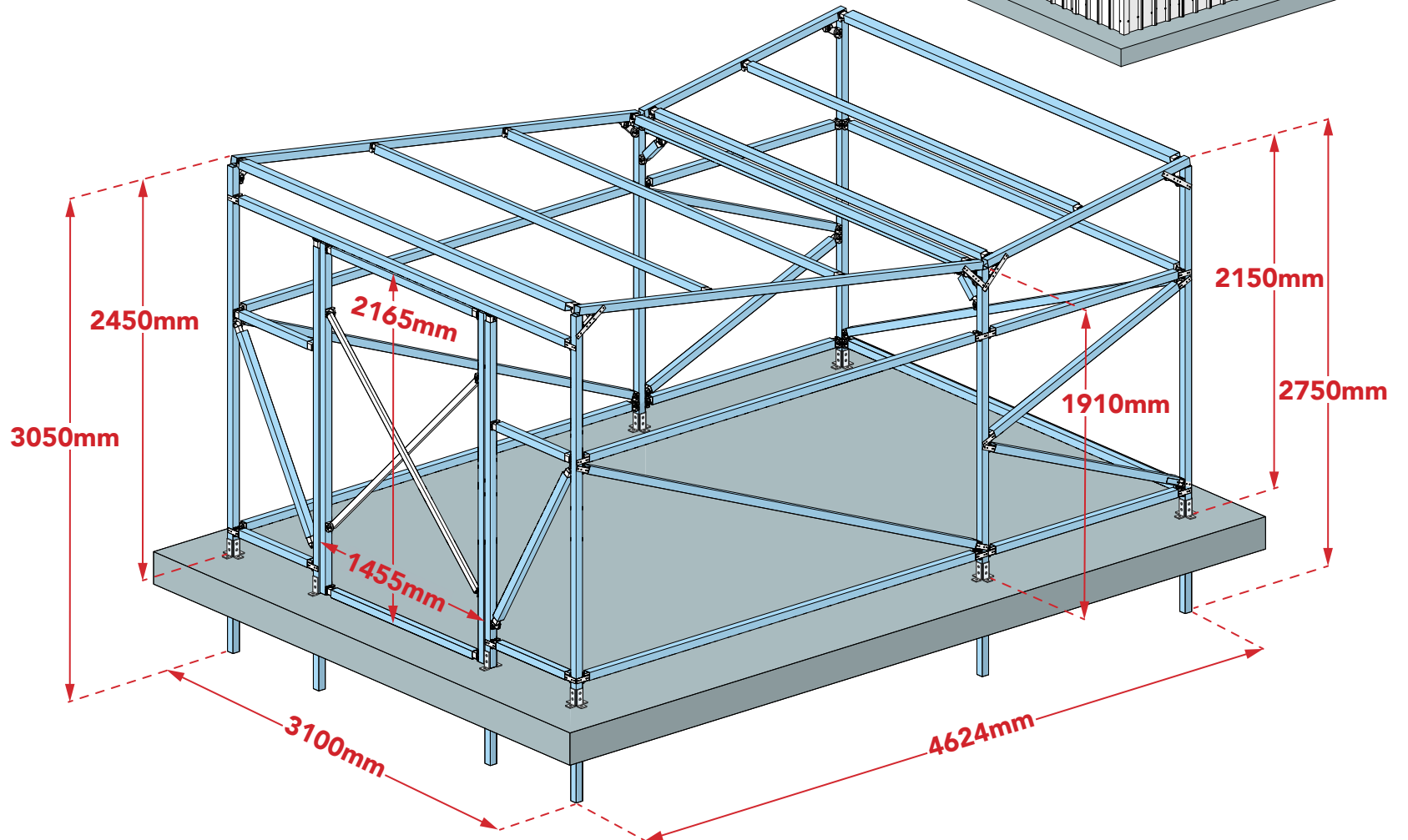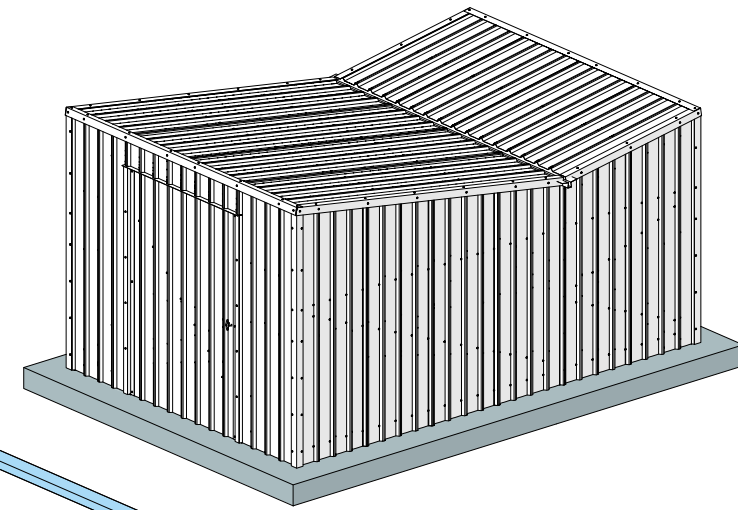
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## NON KWIKTECH ITEMS

| ITEM | ITEM ID # | ASSEMBLY ID # | LENGTH | COLOUR | QUANTITY | RESELLER RPICE |
|---|---|---|---|---|---|---|
| RHS 75x50x2.0mm | 1 | A | 2900 | Galv | 2 | |
| RHS 75x50x2.0mm | 2 | K | 179 | Galv | 2 | |
| SHS 50x50x2mm | 3  4 | | 2510* | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 5 | B | 3147 | Galv | 3 | |
| SHS 50x50x1.5mm or 1.6mm | 6  7 | | 3068 | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 8  9 | | 3000* | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm (Displacement plates both ends) | 10 | C | 2900 | Galv | 7 | |
| SHS 50x50x1.5mm or 1.6mm | 11 | D | 2896 | Galv | 6 | |
| SHS 50x50x1.5mm or 1.6mm | 12  13 | | 2750* | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 14  15 | E | 2733* | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 16 | | 2163 | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 17  18 | | 1537 | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm (Displacement plates both ends) | 19 | F | 1490 | Galv | 4 | |
| SHS 50x50x1.5mm or 1.6mm | 20 | G | 1370 | Galv | 4 | |
| SHS 50x50x1.5mm or 1.6mm | 21 | H | 1255 | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 22 | I | 1241 | Galv | 2 | |
| SHS 50x50x1.5mm or 1.6mm | 23 | J | 613 | Galv | 4 | |
| RHS 38x25x1.2mm or 1.6mm | 24 | B | 3217 | Galv | 3 | |
| RHS 38x25x1.2mm or 1.6mm | 25 | A  C | 2970 | Galv | 9 | |
| RHS 38x25x1.2mm or 1.6mm (Displacement plates both ends) | 26 | D | 2966 | Galv | 6 | |
| RHS 38x25x1.2mm or 1.6mm | 27 | | 2023 | Galv | 2 | |
| RHS 38x25x1.2mm or 1.6mm | 28 | | 1852 | Galv | 2 | |
| RHS 38x25x1.2mm or 1.6mm | 29 | F | 1560 | Galv | 4 | |
| RHS 38x25x1.2mm or 1.6mm (Displacement plates both ends) | 30 | G | 1440 | Galv | 4 | |
| RHS 38x25x1.2mm or 1.6mm | 31 | H | 1325 | *Galv* | *2* | |
| RHS 38x25x1.2mm or 1.6mm | 32 | I | 1311 | Galv | 2 | |
| RHS 38x25x1.2mm or 1.6mm | 33 | E | 1000 | Galv | 2 | |
| RHS 38x25x1.2mm or 1.6mm | 34 | J | 683 | Galv | 4 | |
| *RHS 38x25x1.2mm or 1.6mm* (Used for optional temporary corner braces) | 35 | | *442* | *Galv* | *4* | |
| RHS 38x25x1.2mm or 1.6mm | 36 | K | 219 | Galv | 2 | |
| RHS 38x25x1.2mm or 1.6mm | 37 | | 80 | Galv | 4 | |
| RHS 38x25x1.2mm or 1.6mm | 38 | | 68 | Galv | 5 | |

**\*NOTE: If fixing the shed on existing concrete, reduce these member lengths by 600mm.**

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## KWIKTECH KITS

| ITEM | QUANTITY | RESELLER RPICE |
|---|---|---|
| Kwiktech DIY Rated Shed Kit (NOTE: Some items will not be used) | 2 | |

## NON KWIKTECH ITEMS

| ITEM | ID # | LENGTH | COLOUR | QUANTITY | RESELLER RPICE |
|---|---|---|---|---|---|
| TrimDek Cladding 762x29x0.42mm or 0.48mm - Front Roof | RF 1 | 3090 | Customers Choice | 4 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Back Roof | RF 2 | 1550 | | 4 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Front Outers | CL 1 | 2450 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Front Side 1 | CL 2 | 2450 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Front Side 2 | CL 3 | 2325 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Front Side 3 | CL 4 | 2200 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Front Side 4 | CL 5 | 2075 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Back Side 1 | CL 6 | 2075 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Back Side 2 | CL 7 | 2200 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Back | CL 8 | 2200 | | 4 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Door | CL 9 | 2165 | | 2 | |
| TrimDek Cladding 762x29x42mm or 0.48mm - Front above Door | CL 10 | 280 | | 2 | |
| Front Peak Flashing | FL 1 | 3170 | Refer to page 36 for details | 1 | |
| Back Peak Flashing | FL 2 | 3170 | | 1 | |
| Front Roof Sides Flashing | FL 3 | 3135 | | 2 | |
| Front Corners Flashing | FL 4 | 2450 | | 2 | |
| Door Frame Housing Flashing | FL 5 | 2172 | | 2 | |
| Door Side Flashing | FL 6 | 2165 | | 2 | |
| Back Corners Flashing | FL 7 | 1950 | | 2 | |
| Back Roof Sides Flashing | FL 8 | 1590 | | 2 | |
| Above Door Flashing | FL 9 | 1590 | | 1 | |
| Internal Door Frame Flashing | FL 10 | 1518 | | 1 | |
| Internal Bracing Outer Flashing | FL 11 | 330 | | 2 | |
| Internal Bracing Inner Flashing | FL 12 | 250 | Galv | 2 | |
| Door Lock Flashing | FL 13.1 FL 13.2 | 40 | | 1 | |

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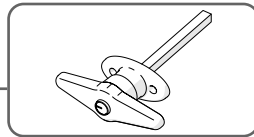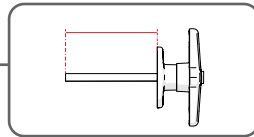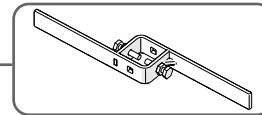This Manual is designed to be only used with Kwiktech produced products.

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## NON KWIKTECH ITEMS

| ITEM | ID # | LENGTH | COLOUR | QUANTITY | RESELLER RPICE |
|---|---|---|---|---|---|
| Shed Lowpoint Gutter | G 1 | 3310 | Galv | 1 | |
| 100x100x2.5 Zinc Plated Butt Hinge | | 100 | Galv | 3 | |
| Tee Handle Kit & Inside Latch | | - | - | 1 | |
| Tek Screw 16mmx10g Coloured | | 16 | Customers Choice | 600 | |
| Tek Screw 53mmx12g Coloured - Neo | | 53 | | 300 | |
| M12x75 4.6 Hex head Galv Bolt & Nut | | 75 | Galv | 14 | |
| P1326H Ninety Degree Fitting HG | | 105 | Galv | 28 | |
| Dynabolt DP12100 M10 12x100 Galv | | 100 | Galv | 28 | |
| 38x25 Black Plastic Post Cap | | 38 | Black | 2 | |
| | | | | Sub-Total | |
| | | | | GST | |
| | | | | Shipping | |
| | | | | Total Cost | |

Only required if fixing to existing concrete.

Tee Handle

Minimum Tee Handle Length 75mm

Recommend using a heavy duty inner lock, such as the one pictured above.

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# Build Preparation
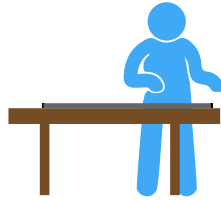


**Rail Inserts**

**Extra Strong Rails**

**Universal Connectors**

**Door Stopper**

**Footing Preparation**

# Assembly Sequence
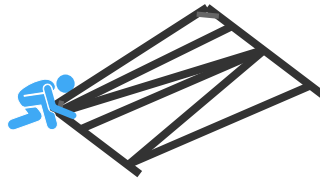


**Fabricate**
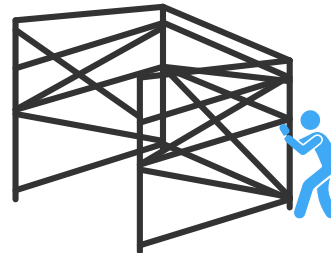
**Erect & Fabricate**
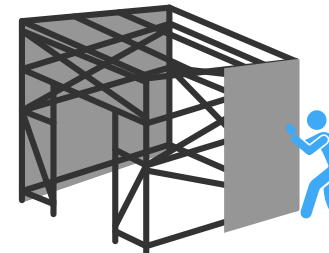
**Cladding & Flashings**
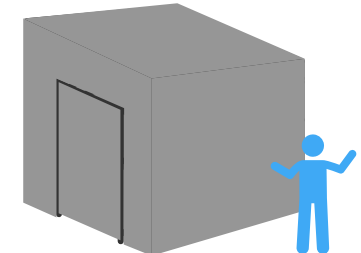
**Finished Product**

## REQUIRED KWIKTECH ITEMS (INCLUDED IN KIT)

| ITEM | QUANTITY | ITEM | QUANTITY |
|------|----------|------|----------|
| Post Connector (KT-P-001) | 0 | 10G x 16 Self Drilling Wafer Head Screw | 1200 |
| Universal Connector (KT-P-002) | 120 | M6 x 40 Socket Head Cap Screw - Zinc | 120 |
| Rail Inserts (KT-P-003) | 108 | M6 x 20 Hex Head Bolt - Galv | 0 |
| 60° Rail Inserts (KT-P-004) | 12 | M6 Nut - Galv | 0 |
| Star Picket Guide (KT-P-005) | 0 | Kwiktech 2mm Displacement Plate | 24 |
| Post Cap (KT-P-006) | 0 | Right Angle Bracket - Zinc | 4 |
| Tension Strapping 0.8 x 30 x 85mm | 0 | Assembly Wedge - Rubber | 2 |
| Tension Strapping 0.8x 30 x 95mm | 48 | 10G x 16 Self Drilling Small Head Flat Top Screw | 260 |
| Tension Strapping 0.8 x 30 x 135mm | 0 | | |
| Tension Strapping 0.8 x 30 x 250mm | 10 | | |

## HOLLOW METAL TOTAL

| ITEM | TOTAL LENGTH |
|------|--------------|
| Duragal 75x50x2.0mm | 6m |
| Duragal 50x50x2mm | 5.1m |
| Duragal 50x50x1.5mm | 99m |
| Duragal 38x25x1.2mm | 87m |

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NOTE: Some member ID's hidden for clarity.

Slide **G 1** in from 1 end until it protrudes 105mm from the face of the steel at both ends. Gutter will be fixed in place when roof sheets are attached.

# Flashing Types

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**FL 1**
*KT-FLP-01*
3170mm
0.42 BMT
QTY: 1

**FL 2**
*KT-FLP-01*
3170mm
0.42 BMT
QTY: 1

**FL 3**
*KT-FLP-01*
3135mm
0.42 BMT
QTY: 2

**FL 4**
*KT-FLP-01*
2450mm
0.42 BMT
QTY: 2

**FL 7**
*KT-FLP-01*
1950mm
0.42 BMT
QTY: 2

**FL 8**
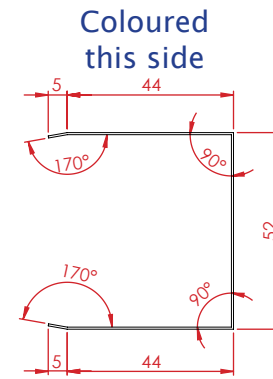*KT-FLP-01*
1590mm
0.42 BMT
QTY: 2
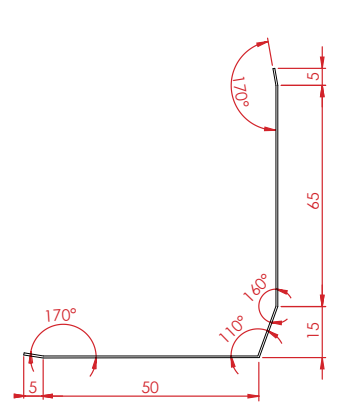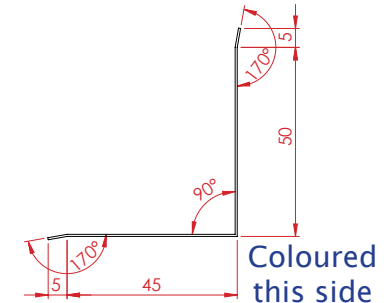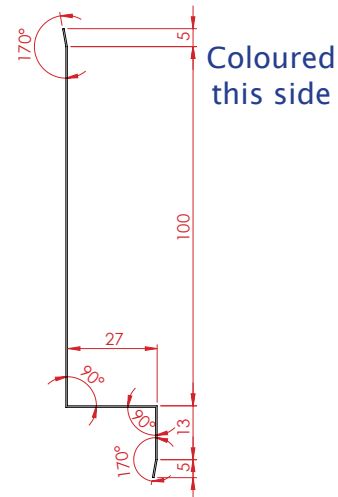
**FL 5**
*KT-FLP-03*
2172mm
0.42 BMT
QTY:2

**FL 6**
*KT-FLP-04*
2165mm
0.42 BMT
QTY: 2
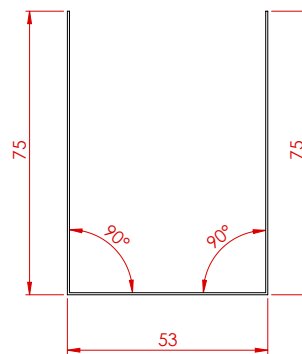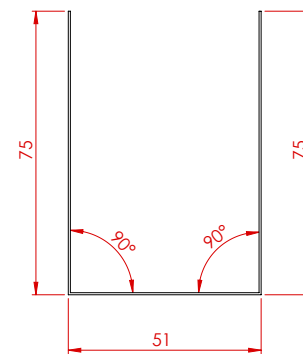
**FL 9**
*KT-FLP-05*
1590mm
0.42 BMT
QTY: 1

**FL 10**
*KT-FLP-07*
1518mm
0.42 BMT
QTY: 1
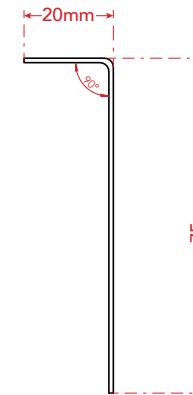
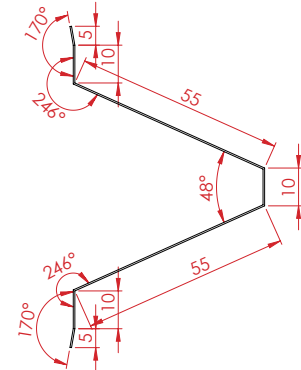**FL 11**
*KT-FLP-08*
330mm
0.55 Galv
QTY: 2

**FL 12**
*KT-FLP-09*
250mm
0.55 Galv
QTY: 2

**FL 13.1**
*KT-FLP-10*
40mm
1.6 Galv
QTY: 1

**FL 13.2**
*KT-FLP-06*
40mm
1.2 Galv
QTY: 1