

Kwiktech 16 Step Staircase

16 Step Staircase

User Manual

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

Designed by

kwiktech.

Engineered by

sbec. SCHMIDT
BENTLEY
ENGINEERING
CONSULTING

Rating: Max Live Load 2.0kPa
per stair stringer assembly

Rev 0

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General Arrangement

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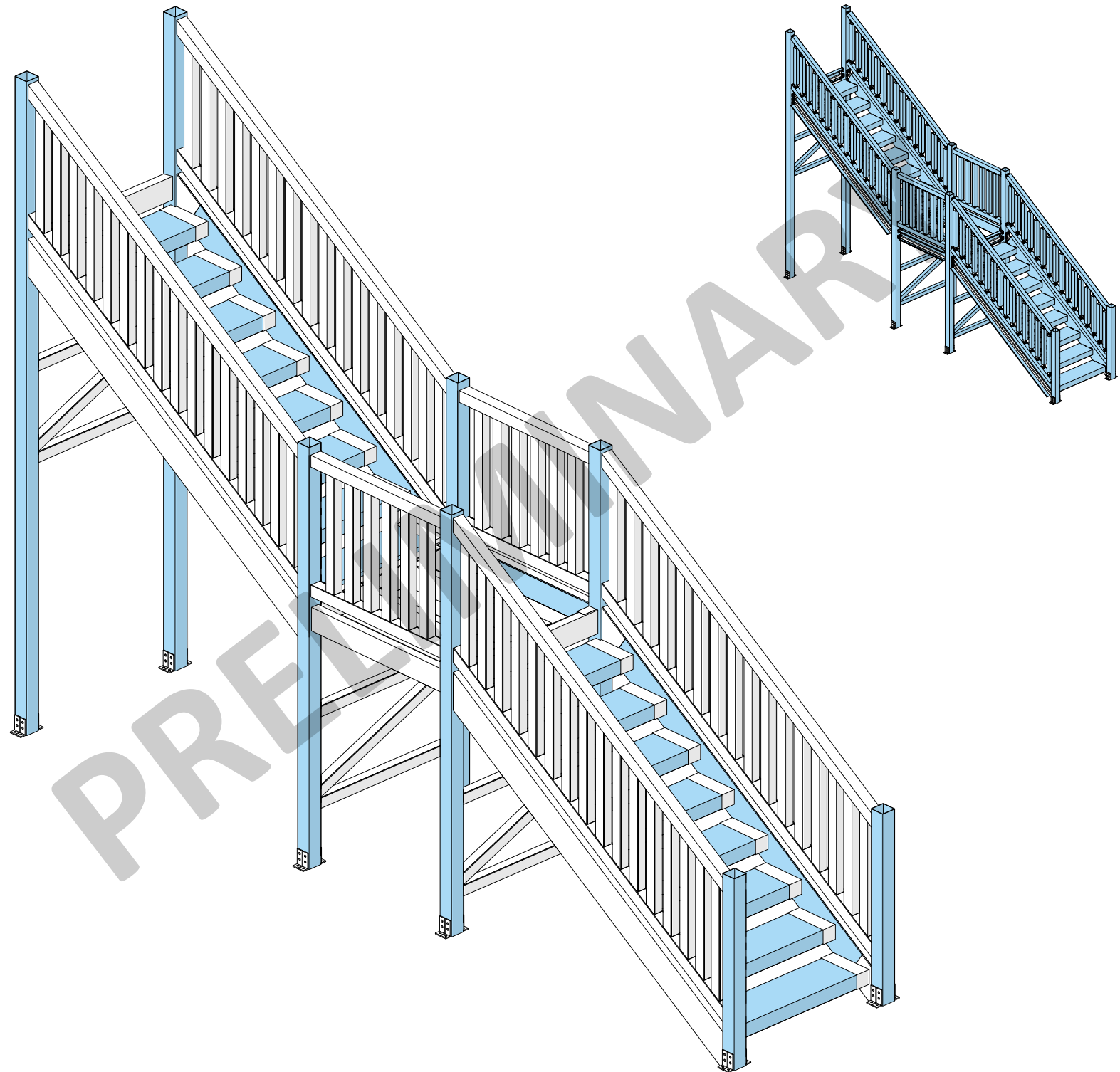
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Materials List

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KWIKTECH KITS

ITEM	LENGTH	COLOUR	QUANTITY	RESELLER PRICE
Kwiktech DIY Square Kit (NOTE: Some items will not be used)	-	-	37	

NON KWIKTECH ITEMS

ITEM	ITEM ID #	ASSEMBLY ID #	LENGTH	COLOUR	QUANTITY	RESELLER PRICE
SHS 100x100x2.0mm	1		4280*	Galv	2	
SHS 100x100x2.0mm	2		2760*	Galv	4	
SHS 100x100x2.0mm	3		1255*	Galv	2	
SHS 75x75x2.0mm	4	G	2686	Galv	8	
SHS 75x75x2.0mm	5	H	1070	Galv	4	
SHS 65x65x2.0mm	6	I	1160	Galv	6	
SHS 65x65x2.0mm	7	J	1070	Galv	6	
SHS 65x65x2.0mm	8	A	745	Galv	12	
SHS 65x65x2.0mm	9	B	633	Galv	64	
RHS 38x25x1.2mm	10	C G	2686	Galv	20	
RHS 38x25x1.2mm	11	I	1160	Galv	6	
RHS 38x25x1.2mm	12	D	1106	Galv	4	
RHS 38x25x1.2mm	13	E	1094	Galv	32	
RHS 38x25x1.2mm	14	F H J	1070	Galv	20	
RHS 38x25x1.2mm	15	A	745	Galv	12	
RHS 38x25x1.2mm	16	B	703	Galv	64	
C300-24 Purlin	17	E	1094	Galv	16	
C200-19 Purlin	18	C	2606	Galv	4	
C150-12 Purlin	19	D	1036	Galv	2	
C150-12 Purlin	20	F	1000	Galv	5	

*NOTE: If fixing the stairs into concrete, extend these member lengths by 600mm.

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ITEM	ITEM ID #	LENGTH	COLOUR	QUANTITY	RESELLER PRICE
M12x75 4.6 Hex head Galv Bolt & Nut	Only required if fixing to existing concrete.	75	Galv	32	
P1326H Ninety Degree Fitting HG		105	Galv	32	
Dynabolt DP12100 M10 12x100 Galv		100	Galv	32	
100x100 SHS Post Cap		50	Galv	8	

FLASHINGS

ITEM	ID #	LENGTH	COLOUR	QUANTITY	RESELLER PRICE
Stringer Outer Cover - KT-STFL-01	FL 1	2875	Customers Choice	4	
Stringer Inner Cover - KT-STFL-02	FL 2	237		8	
Steps End Cover - KT-STFL-03	FL 3	100		32	
Platform Stringer Inner Cover - KT-STFL-04	FL 4	1132		2	
Platform Stringer Inner Cover - KT-STFL-04	FL 5	1096		5	
Stairs Handrail Outer Cover - KT-STFL-06	FL 6	2789		8	
Platform Handrail Outer Cover - KT-STFL-06	FL 7	1096		4	
Handrail Inner Cover - KT-STFL-07	FL 8	121		8	
Handrail Inner Cover - KT-STFL-07	FL 9	89		124	
Handrail Inner Cover - KT-STFL-07	FL 10	81		4	
Handrail Inner Cover - KT-STFL-07	FL 11	77		16	
Handrail Inner Cover - KT-STFL-07	FL 12	65		8	
Handrail Inner Cover - KT-STFL-07	FL 13	51		4	
Rung Inner Cover - KT-STFL-08	FL 14	1218		6	
Rung Inner Cover - KT-STFL-08	FL 15	1099		6	
Rung Inner Cover - KT-STFL-08	FL 16	800		64	
Rung Inner Cover - KT-STFL-08	FL 17	771		12	
Rung Outer Cover - KT-STFL-09	FL 18	1218		6	
Rung Outer Cover - KT-STFL-09	FL 19	1099		6	
Rung Outer Cover - KT-STFL-09	FL 20	800		64	
Rung Outer Cover - KT-STFL-09	FL 21	771		12	
				Sub-Total	
				GST	
				Shipping	
				Total Cost	

Note: Refer to page 35 & 36 for flashing details.

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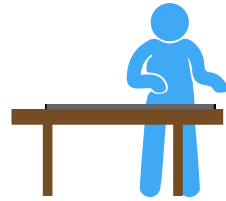
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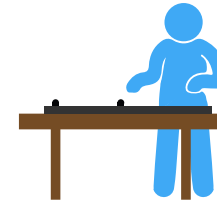
Build Preparation



Rail Inserts



Extra Strong Rails

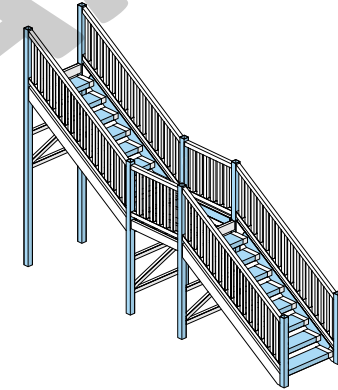
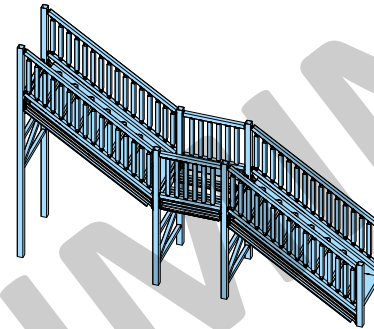
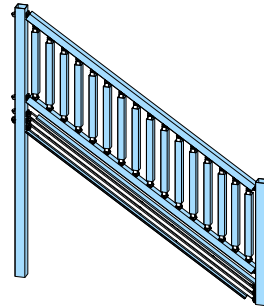


Universal Connectors



Footing Preparation

Assembly Sequence



REQUIRED KWIKTECH ITEMS (INCLUDED IN KIT)

ITEM	QUANTITY	ITEM	QUANTITY
Post Connector (KT-P-001)	0	10G x 16 Self Drilling Wafer Head Screw	1850
Universal Connector (KT-P-002)	316	M6 x 40 Socket Head Cap Screw - Zinc	316
Rail Inserts (KT-P-003)	316	M6 x 20 Hex Head Bolt - Galv	0
60° Rail Inserts (KT-P-004)	0	M6 Nut - Galv	0
Star Picket Guide (KT-P-005)	0	Kwiktech 2mm Displacement Plate	0
Post Cap (KT-P-006)	0	Right Angle Bracket - Zinc	0
Tension Strapping 0.8 x 30 x 85mm	0	Assembly Wedge - Rubber	1
Tension Strapping 0.8x 30 x 95mm	0	10G x 16 Self Drilling Small Head Flat Top Screw	0
Tension Strapping 0.8 x 30 x 135mm	0		
Tension Strapping 0.8 x 30 x 250mm	0		

HOLLOW METAL

ITEM	TOTAL LENGTH
Duragal 100x100x2.0mm	23m
Duragal 75x75x2.0mm	26m
Duragal 65x65x2.0mm	64m
Duragal 38x25x1.2mm	151m
Duragal C300-24	17.5m
Duragal C200-19	10.5m
Duragal C150-12	7.5m

FOR INFORMATION ONLY

Member Locations

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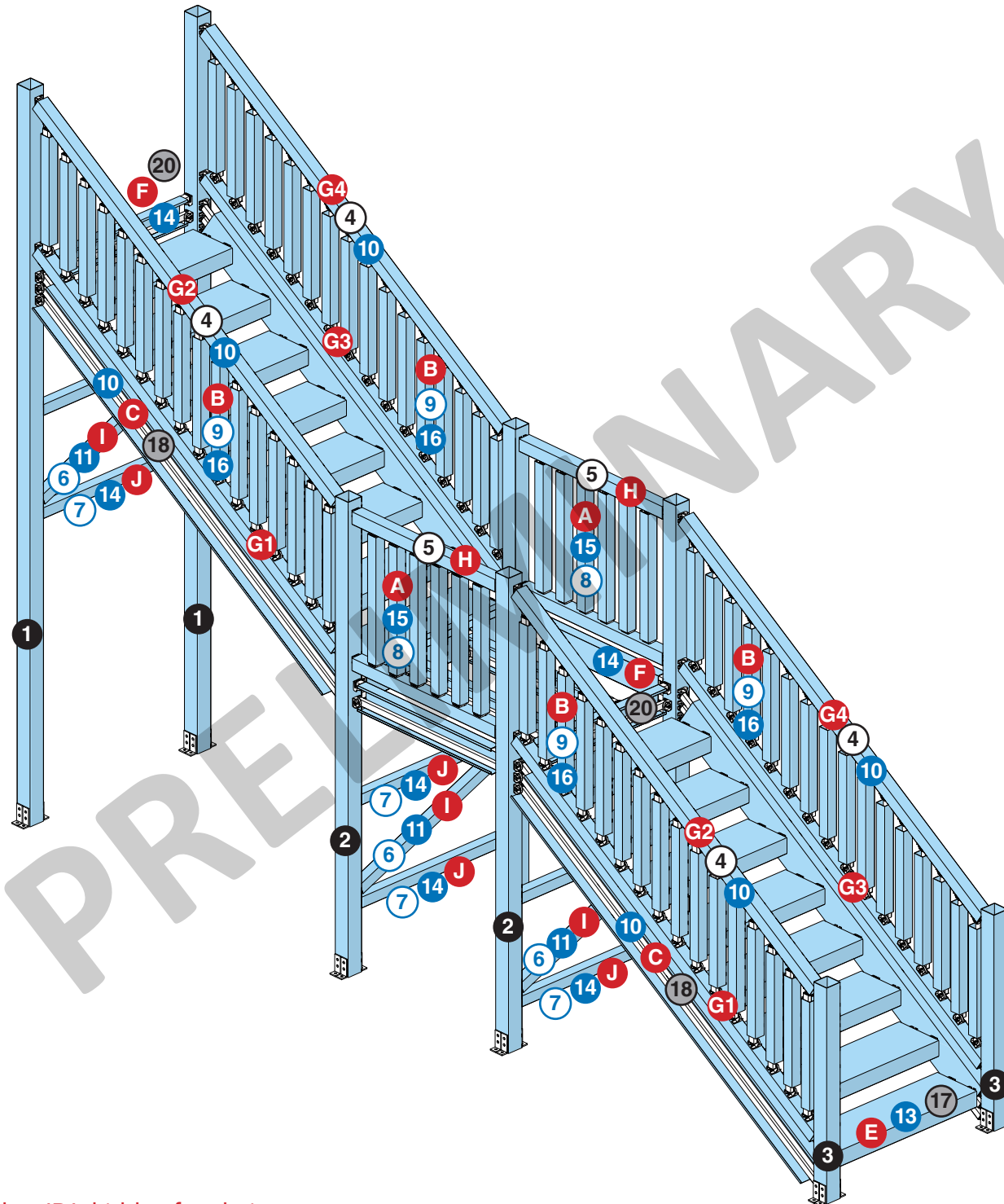
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NOTE: Some member ID's hidden for clarity.

Flashing Types

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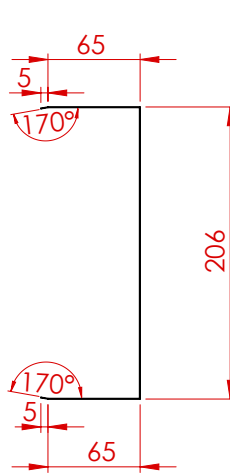
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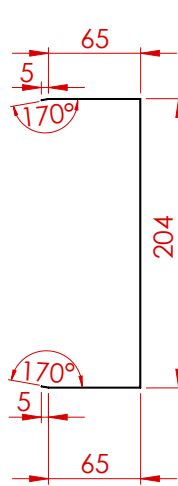
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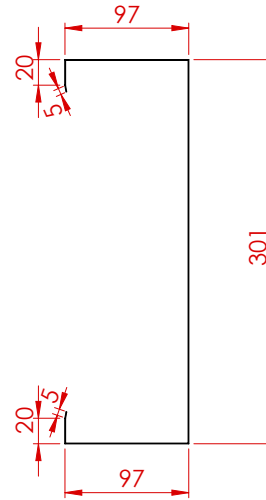
FL 1

KT-STLP-01
2875mm
0.42 BMT
QTY: 4



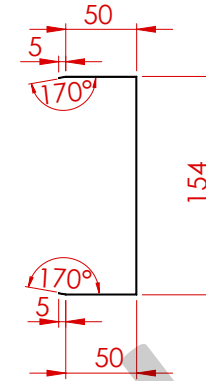
FL 2

KT-STLP-02
237mm
0.42 BMT
QTY: 8



FL 3

KT-STLP-03
100mm
0.42 BMT
QTY: 32



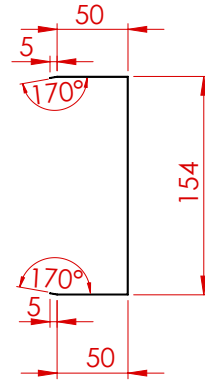
FL 4

KT-STLP-04
1132mm
0.42 BMT
QTY: 2



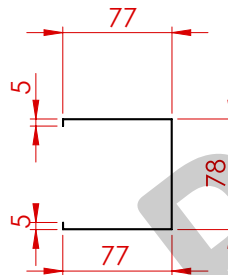
FL 5

KT-STLP-04
1096mm
0.42 BMT
QTY: 3



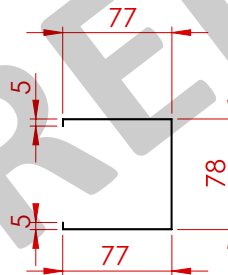
FL 6

KT-STLP-04
1096mm
1.2mm Galv
QTY: 2



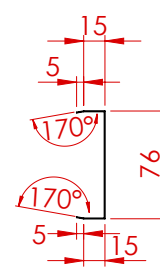
FL 7

KT-STLP-06
2789mm
0.42 BMT
QTY: 8



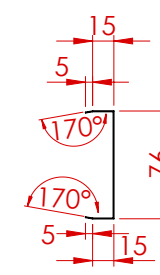
FL 8

KT-STLP-06
1096mm
0.42 BMT
QTY: 4



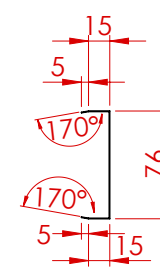
FL 9

KT-STLP-07
121mm
0.42 BMT
QTY: 8



FL 10

KT-STLP-07
89mm
0.42 BMT
QTY: 132



FL 11

KT-STLP-07
81mm
0.42 BMT
QTY: 4

Flashing Types

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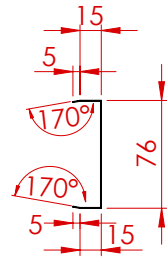
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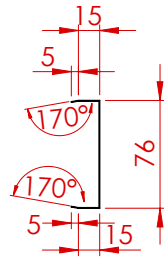
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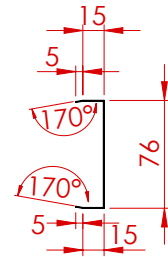
FL 12

KT-STLP-07
77mm
0.42 BMT
QTY: 16



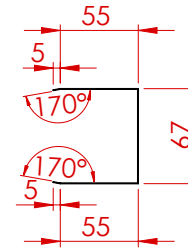
FL 13

KT-STLP-07
65mm
0.42 BMT
QTY: 8



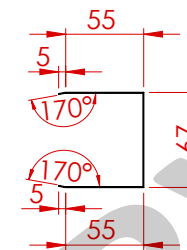
FL 14

KT-STLP-07
51mm
0.42 BMT
QTY: 8



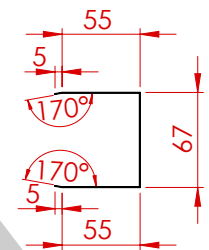
FL 15

KT-STLP-08
1218mm
0.42 BMT
QTY: 6



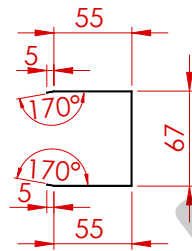
FL 16

KT-STLP-08
1099mm
0.42 BMT
QTY: 6



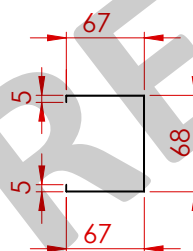
FL 17

KT-STLP-08
800mm
0.42 BMT
QTY: 64



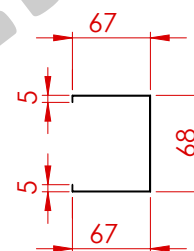
FL 18

KT-STLP-08
771mm
0.42 BMT
QTY: 12



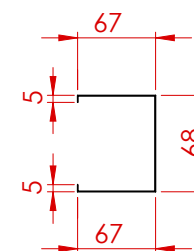
FL 19

KT-STLP-09
1218mm
0.42 BMT
QTY: 6



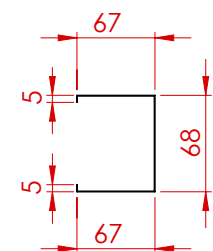
FL 20

KT-STLP-09
1099mm
0.42 BMT
QTY: 6



FL 21

KT-STLP-09
800mm
0.42 BMT
QTY: 64



FL 22

KT-STLP-09
771mm
0.42 BMT
QTY: 12