
ARCHITECTURAL WINDOW SHROUDS

FIXINGS SOLUTIONS and SCREENS

ENVIRON
METAL DESIGNS

SHROUD FIXINGS SOLUTIONS



1. EXTERNAL FLANGE (SH-EXT)



2. INTERNAL FLANGE (SH-INT)



3. INSIDE FRAME (SH-INS)

1. EXTERNAL FLANGE (SH-EXT)

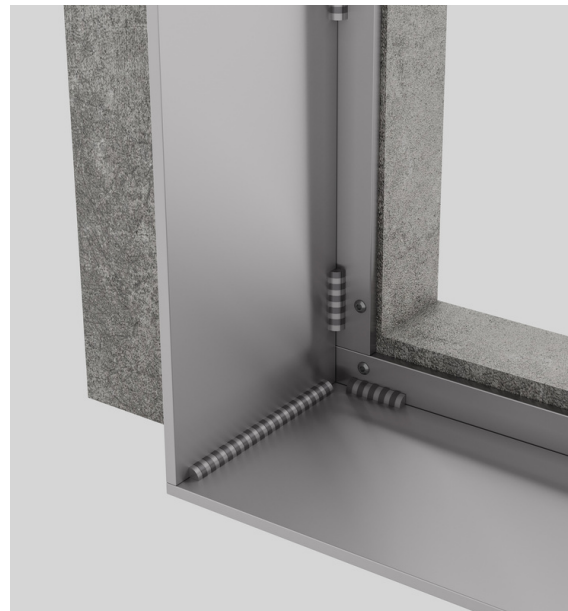


*Welds are illustrative and subject to variation by material's thickness and length and fixing holes positions.

Cladding options	Also available as Corner Shroud and screen shrouds
Material	Aluminium Sheets 5005/5083
Length	Customisable
Product Finishing	Powder Coated

FIXING TYPE	SHEET THICKNESS	WELD POSITION/LOCATION						HOLE SIZE	FIXING HOLE	TOP/BOTTOM FALL
		INTERNAL CORNER			FLANGE					
		CONTINUOUS	OUTSIDE	INSIDE	CONTINUOUS	OUTSIDE	INSIDE			
EXTERNAL FLANGE (SH-EXT)	6mm	✓		✓		✓		8-13mm	±300mm	0° to -3°
	8mm	✓		✓		✓		8-13mm	±300mm	0° to -3°
	10mm	✓		✓		✓		5-13mm	±300mm	0° to -3°

2. SHROUD FIXING INTERNAL FLANGE (SH-INT)

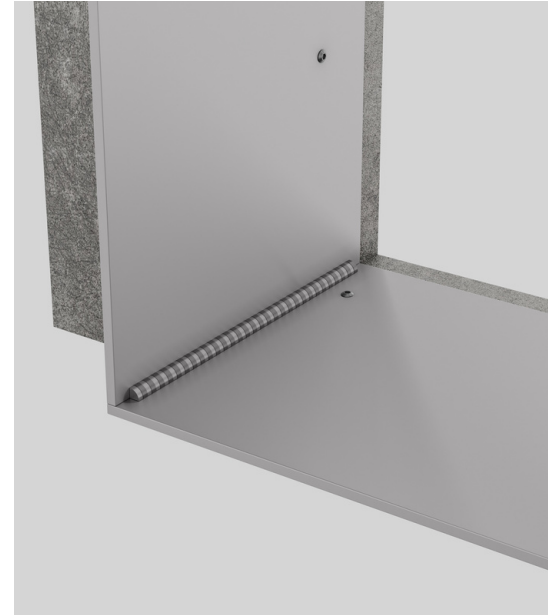


*Welds are illustrative and subject to variation by material's thickness and length and fixing holes positions.

Cladding options	Also available as Corner Shroud and screen shrouds
Material	Aluminium Sheets 5005/5083
Length	Customisable
Product Finishing	Powder Coated

FIXING TYPE	SHEET THICKNESS	WELD POSITION/LOCATION						HOLE SIZE	FIXING HOLE	TOP/BOTTOM FALL
		INTERNAL CORNER			FLANGE					
		CONTINUOUS	OUTSIDE	INSIDE	CONTINUOUS	OUTSIDE	INSIDE			
INTERNAL FLANGE (SH-INT)	6mm			✓			✓	8-13mm	±300mm	0° to -3°
	8mm	✓		✓			✓	8-13mm	±300mm	0° to -3°
	10mm	✓		✓			✓	5-13mm	±300mm	0° to -3°

3. SHROUD FIXING INSIDE FRAME (SH-INS)

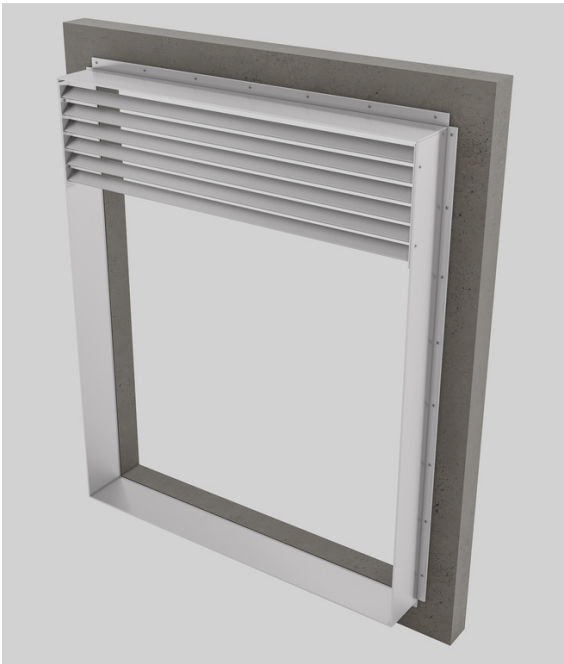


*Welds are illustrative and subject to variation by material's thickness and length and fixing holes positions.

Cladding options	Also available as Corner Shroud and screen shrouds
Material	Aluminium Sheets 5005/5083
Length	Customisable
Product Finishing	Powder Coated

FIXING TYPE	SHEET THICKNESS	WELD POSITION/LOCATION						HOLE SIZE	FIXING HOLE	TOP/BOTTOM FALL
		INTERNAL CORNER			FLANGE					
		CONTINUOUS	OUTSIDE	INSIDE	CONTINUOUS	OUTSIDE	INSIDE			
INSIDE FRAME (SH-INS)	6mm			✓				8-13mm	±300mm	0° to -3°
	8mm	✓		✓				8-13mm	±300mm	0° to -3°
	10mm	✓		✓				5-13mm	±300mm	0° to -3°

INSIDE SCREEN DESIGNS FOR WINDOW SHROUDS



1.1 SUNSHADE SHROUD



1.2 PRIVACY SHROUD



1.3 FEATURE SHROUD

Cladding options	Slats, Louvers, Battens designs
Material	Aluminium grade 6061
Gaps and Centers	As per visual permeability levels standards (p.7)
Dimensions	Customised and as per project requirements

Product Construction	Welded
Product Finishing	Powder Coated
Slats position	Slats are flushed to the back of the frame
Bolts and Nuts	Bolts (M6 Button Socket Screw) and Nuts (Nylon Insert Lock Nut) will be provided

*images are illustrative only and subject to variation by choice of material, permeability levels and gaps.

INSIDE SCREEN VISUAL PERMEABILITY LEVELS

COMPLIANT

NOT-COMPLIANT (FOR FEATURE ONLY)

SIZE OF SLATS

	CENTERS (MM)	ANGLES	GAPS (MM)	PERMEABILITY (%)
50 x 10 MM	44.75	45 Degrees	2.32	5.20
	56.00	45 Degrees	13.57	24.23
	57.50	0 Degree Flat	7.50	13.00
	60.00	0 Degree Flat	10.00	16.66
	65.00	0 Degree Flat	15.00	23.07
65 x 16 MM	44.75	45 Degrees	-10.04	OVERLAP
	56.00	45 Degrees	1.21	2.20
	72.50	45 Degrees	17.71	24.43
	43.00	60 Degrees	-1.16	OVERLAP
	58.00	60 Degrees	13.84	23.86
	80.00	0 Degree Flat	15.00	18.75
	86.00	0 Degree Flat	21.00	24.42
100 x 16 MM	89.50	45 Degrees	9.96	11.00
	105.00	45 Degrees	25.46	24.25
	43.00	60 Degrees	-18.46	OVERLAP
	58.00	60 Degrees	-3.66	OVERLAP

CENTERS (MM)	ANGLES	GAPS (MM)	PERMEABILITY (%)
57.50	90 Degrees	47.50	83.00
60.00	90 Degrees	50.00	83.00
65.00	90 Degrees	55.00	85.00
72.50	90 Degrees	62.50	86.00
80.00	90 Degrees	70.00	88.00
80.00	90 Degrees	64.00	80.00
86.00	90 Degrees	70.00	81.00
100.00	90 Degrees	84.00	84.00
65.00	90 Degrees	49.00	75.00
80.00	90 Degrees	64.00	80.00
100.00	90 Degrees	84.00	84.00
120.00	90 Degrees	104.00	87.00

INSIDE SCREEN DESIGN OPTIONS

SLAT ORIENTATION	SLAT ANGLE	SCREEN POSITION	SLAT SIZE (RHS)	FRAME SIZE (RSS)	FIXING HOLE SIZE	FIXING HOLE SPACING
VERTICAL	FLAT	TOP, BOTTOM, FULL	50X10mm	50X10mm	7mmØ	500mm MIN
			65X16mm	80x10mm		
			100X16mm	100x10mm		
	45 DEGREES	TOP, BOTTOM, FULL	50x10mm	50x10mm	7mmØ	500mm MIN
			65x16mm	80x10mm		
			100x16mm	100x10mm		
	90 DEGREES	TOP, BOTTOM, FULL	50x10mm	50x10mm	7mmØ	500mm MIN
			65x16mm	80x10mm		
			100x16mm	100x10mm		
HORIZONTAL	FLAT	TOP, BOTTOM, FULL	50X10mm	50X10mm	7mmØ	500mm MIN
			65X16mm	80x10mm		
			100X16mm	100x10mm		
	45 DEGREES	TOP, BOTTOM, FULL	50X10mm	50X10mm	7mmØ	500mm MIN
			65X16mm	80x10mm		
			100X16mm	100x10mm		
	90 DEGREES	TOP, BOTTOM, FULL	50X10mm	50X10mm	7mmØ	500mm MIN
			65X16mm	80x10mm		
			100X16mm	100x10mm		



ENVIRON™

METAL DESIGNS

P 0413 633 776

E hello@environmdesigns.com.au

A 14 Arctic Ct
Keysborough VIC 3173

W environmdesigns.com.au

carbon
neutral™
Turn Emissions into Trees™

PARTNER
**PLANT-A-TREE
PROGRAM**

