

— Conceal **AeroWall**®

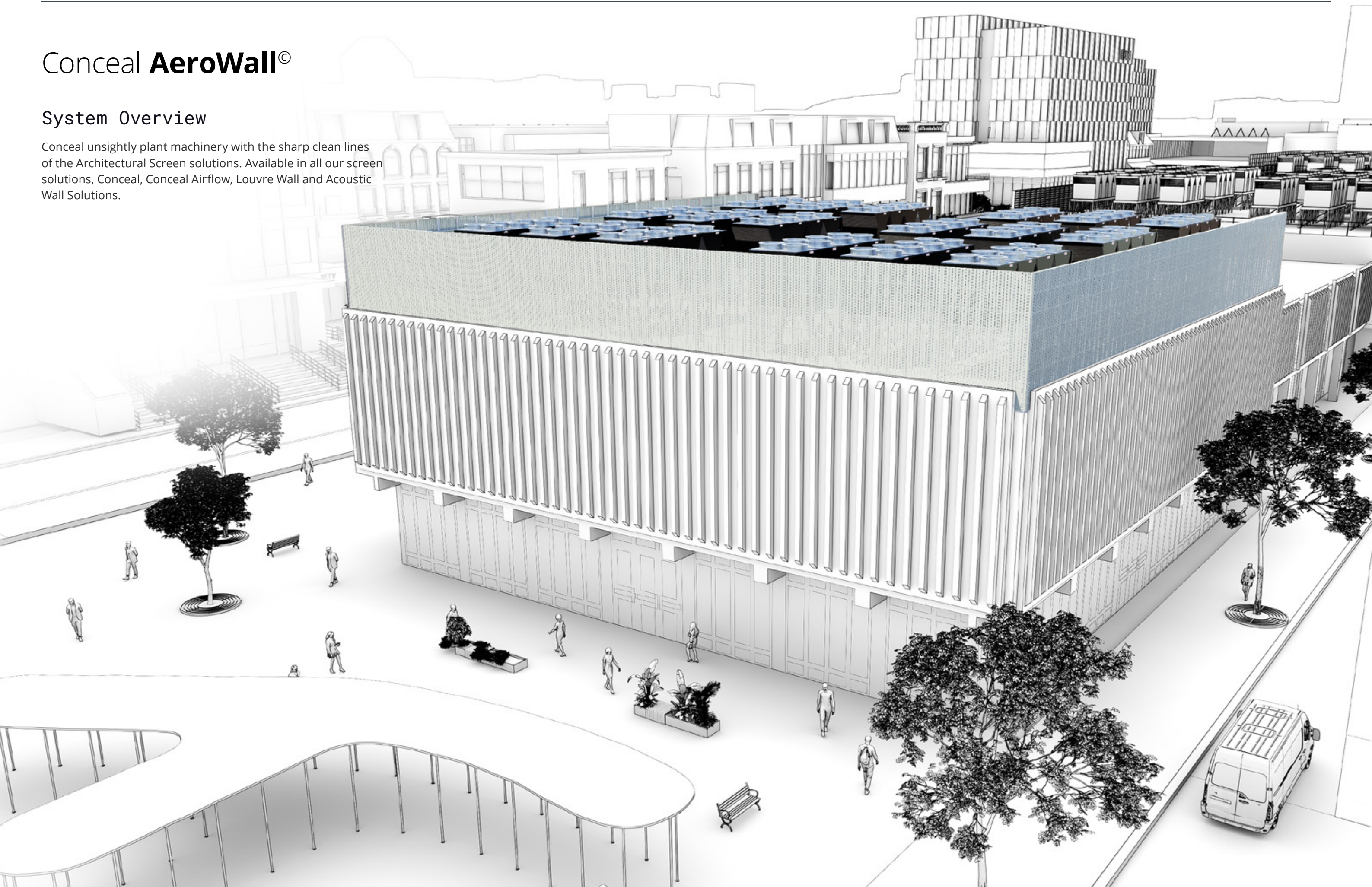
Product Specification Sheet



Conceal **AeroWall**®

System Overview

Conceal unsightly plant machinery with the sharp clean lines of the Architectural Screen solutions. Available in all our screen solutions, Conceal, Conceal Airflow, Louvre Wall and Acoustic Wall Solutions.



Conceal AeroWall[®]

Applications and Advantages

- > Large condenser platform screening.
- > General architectural screening.
- > Compressor enclosures and screening.
- > Other mechanical plant equipment enclosures.
- > Components provide highly durable, long-term stability and performance.
- > Provides clean lines and a smooth low profile finish.
- > Easy, quick and economical installation, no cutting or welding required.
- > Powder coated to match any colour scheme.
- > Easy assembly and lightweight design reduces the need for additional structural requirements.
- > System remains flexible during and after project design, allowing for changes late into the construction stage.

Technical Data

- > Lightweight at 13kg/m2.
- > Open Area Airflow: 15%
- > Heights include 1200mm, 1600mm, 2000mm 2400mm (custom heights also available).
- > Our screening solutions can be sized to suit any plant equipment allowing sufficient area around the units for access (available in any length to suit your needs).

Warranty

- > All components are backed by a 25 year warranty.



Maintenance

- > Visual inspection for any damage or loose fittings is recommended annually. Report any damage or loose fixings to asset manager or building owner for correction.
- > No certified maintenance is required that effects lifespan or performance of product.
- > 100% total recyclable content.

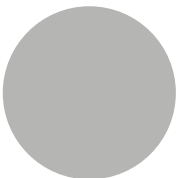


Colour Options

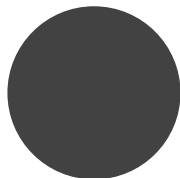
- > Available in three popular Colorbond colour choices.



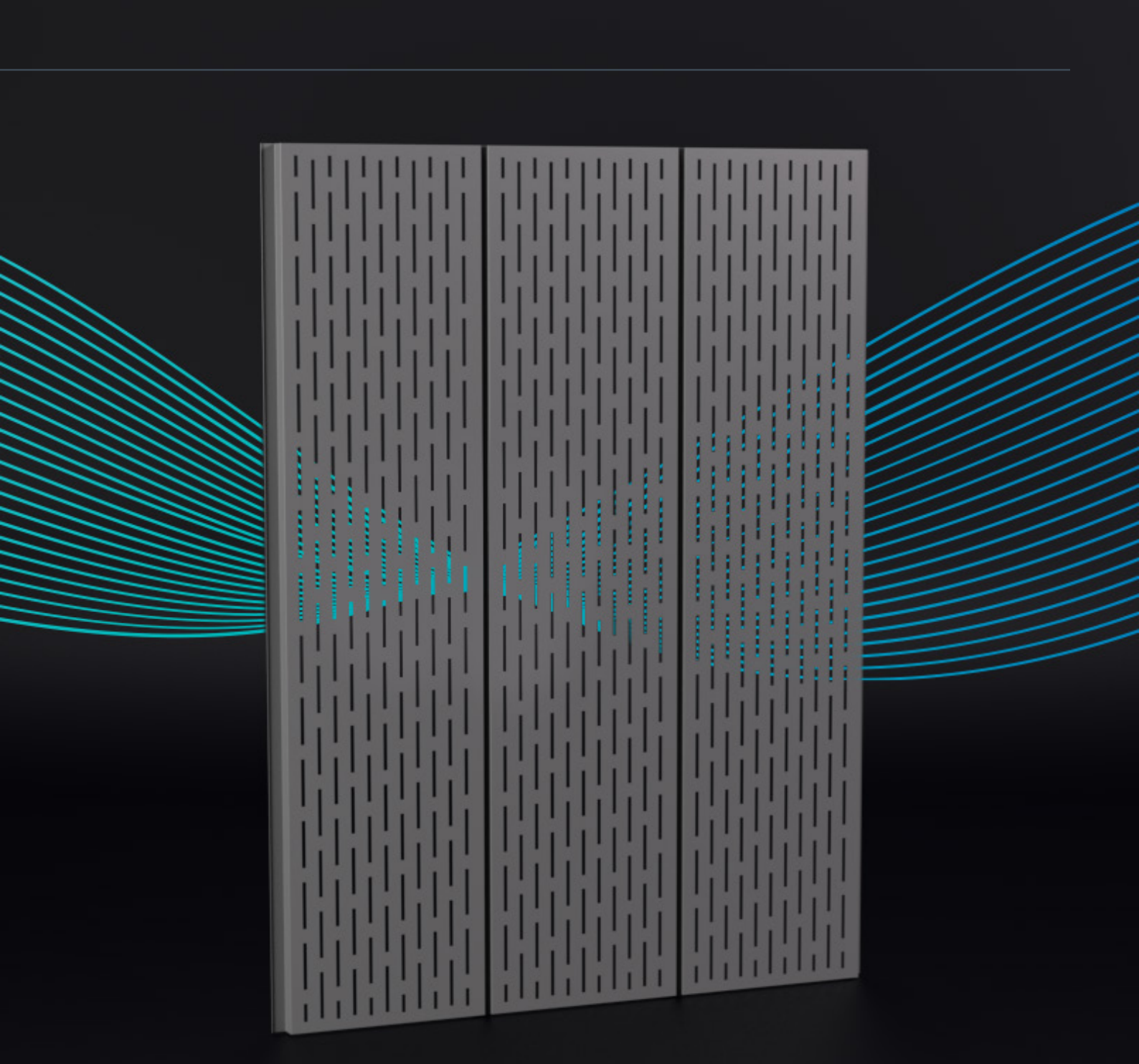
SURF MIST
(Off-white)



SHALE GREY
(Gull-grey)



MONUMENT
(Gun metal grey)



Certification

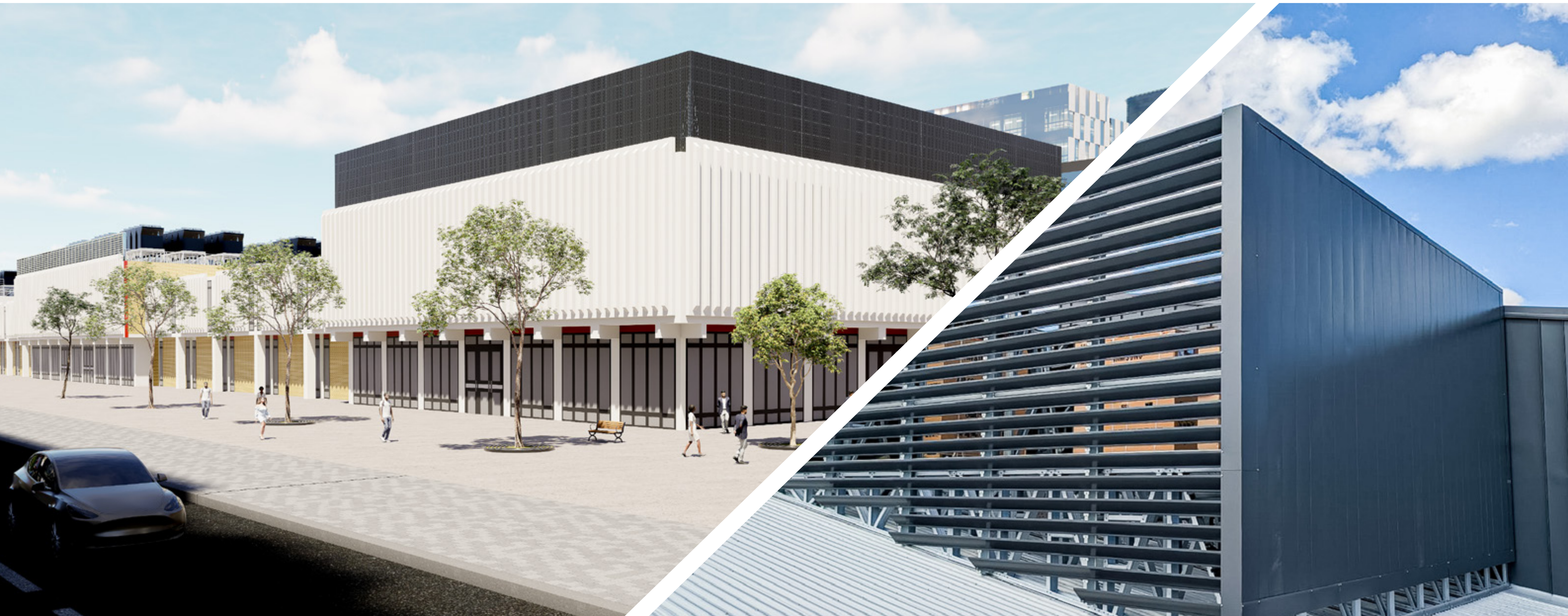
- > Australian Standards: AS1170.1, AS1170.2, AS1657 & AS1664.1 & Relevant Clauses of the Building Code of Australia
- > Wind Loads: Con-form products have been certified for wind regions A, B and C.
- > V500 = 45m/s - Region A - Tc 2.5
- > V500 = 57m/s - Region B - Tc 2.5
- > V500 = 66m/s - Region C - Tc 2.5



Project examples

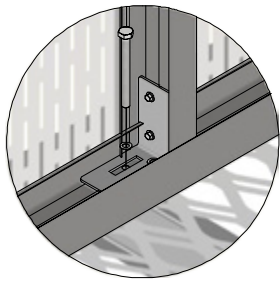
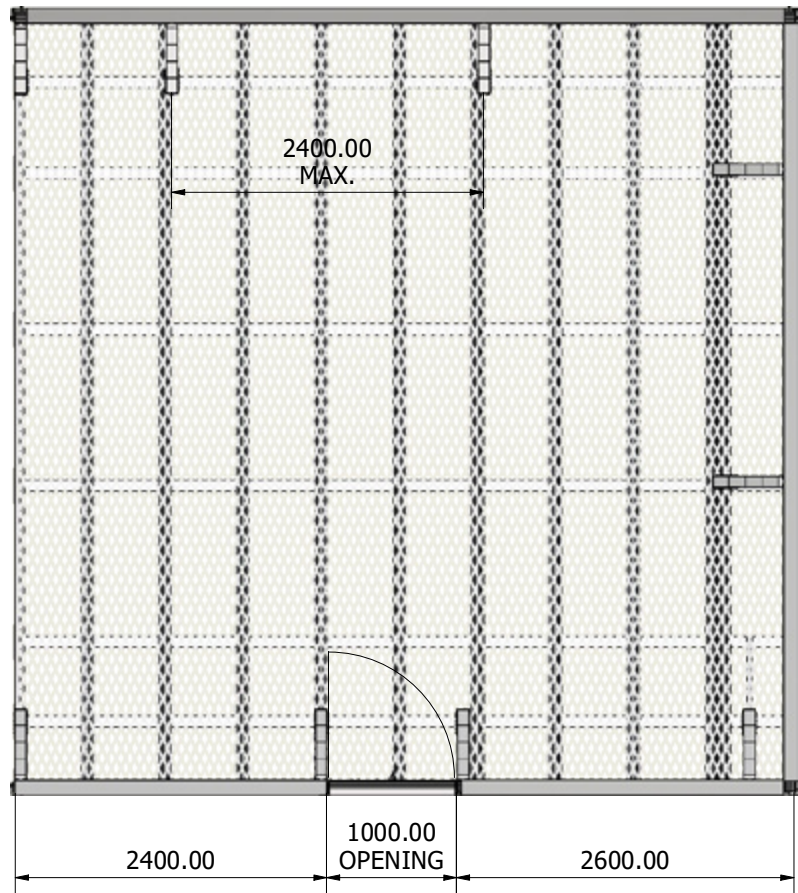
Versatile system options

We can install all screen solutions (including Acoustic and Louvre Walls), direct to metal and concrete roof membranes.

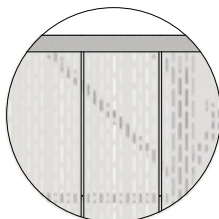


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
2	1	CFG-102	Easy Mech, MR, A
3	1	CFG-600-001	RHS 60x40, 1200, A
4	1	CFG-401-003	EasyScreen, Conceal Airflow Screen, Asm, A

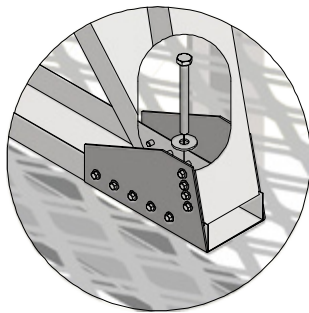
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A		13/12/2023	



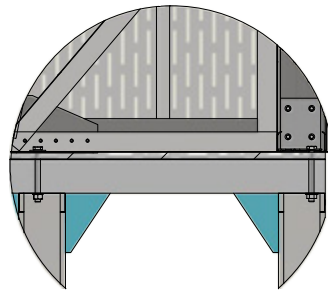
E (1:6)
FRAME TO PLATFORM
FIXING DETAIL



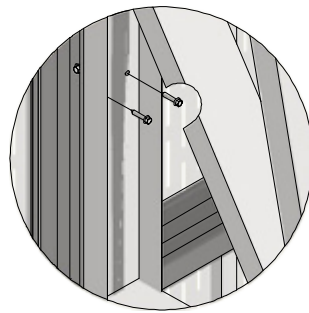
F (1 : 20)
65MM X 5MM
STAGGERED SLOT
15% OPEN AIRFLOW



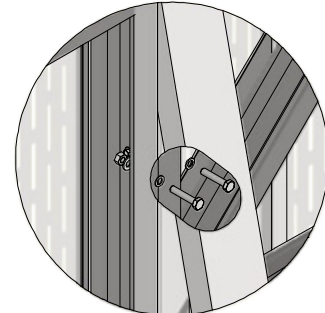
A (1:6)
SCREEN BRACE TO PLATFORM
FIXING DETAIL



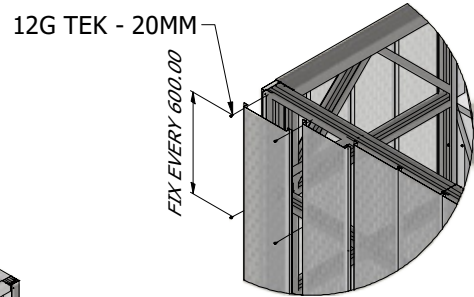
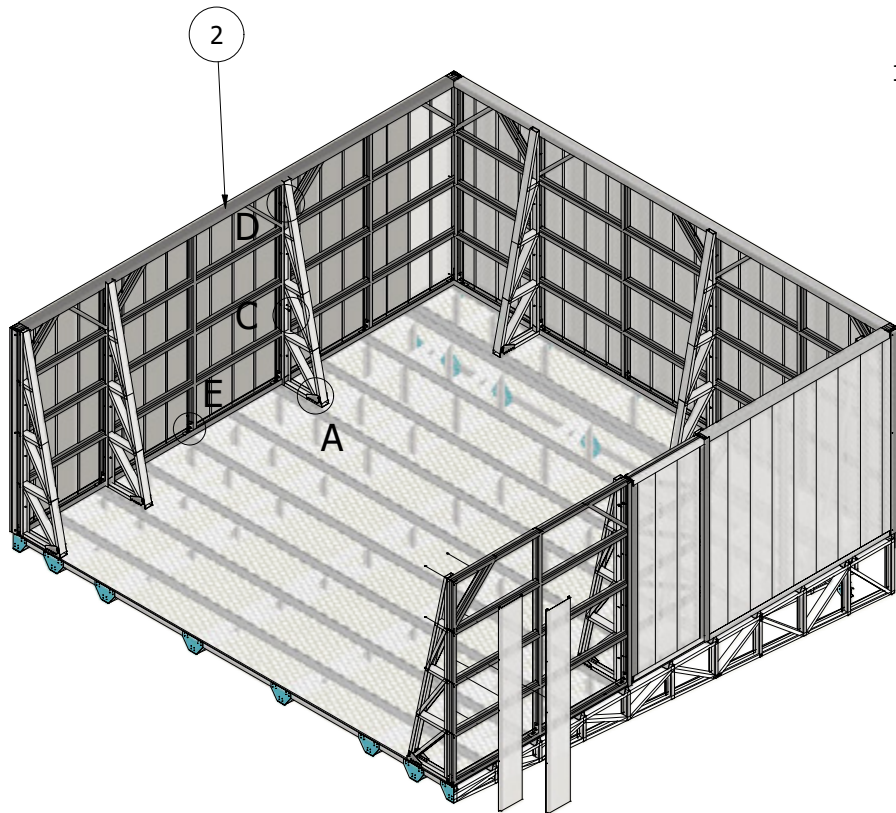
B (1 : 10)
SCREEN BRACE TO PLATFORM
FIXING DETAIL



C (1:6)
BRACE TO FRAME
TOP FIXING DETAIL



D (1:6)
BRACE TO FRAME
INTERMEDIATE FIXING DETAIL



F (1:25)
CASSETTE FIXING DETAIL

Design Notes:

CFG-400-238 Post and Rail System
specifically for use with Cassette Screen System
Relevant Products

- Acoustic+ Screening System

- Conceal Screen System

Standard Screen & Frame Height:

a) 1200MM

b) 1600MM

c) 1800MM

d) 2000MM

e) 2400MM (Shown)

Note:

(Refer to CFG-400-238 for Screen Framing Details)

(Refer to CFG-401-002 for Post Brace Details)

Design Certification

The following review has
been carried out in accordance with the following
SAI Codes of Practice:

AS 1657 Fixed Platforms, Walkways, Stairways and
Ladders Code

AS 1170 Structural Design
Actions Code (Parts 0, 1, and 2)

AS 4600 Cold-formed Steel Structures
Structure Importance level 2 (normal structure), in
accordance with the BCA;

Super-imposed dead load
to platforms = 0.20kPa

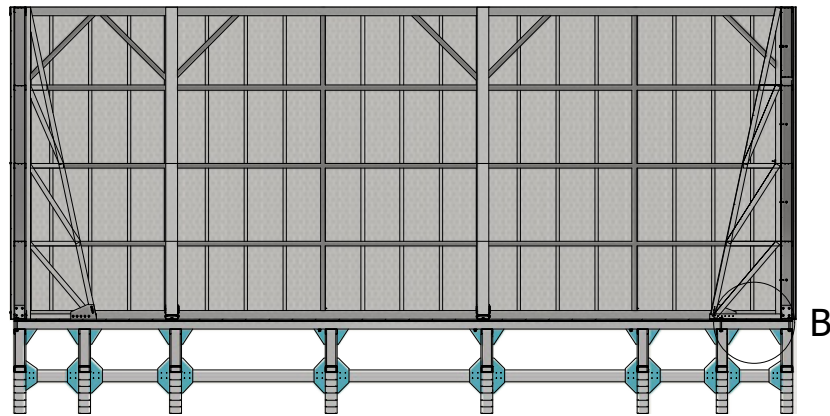
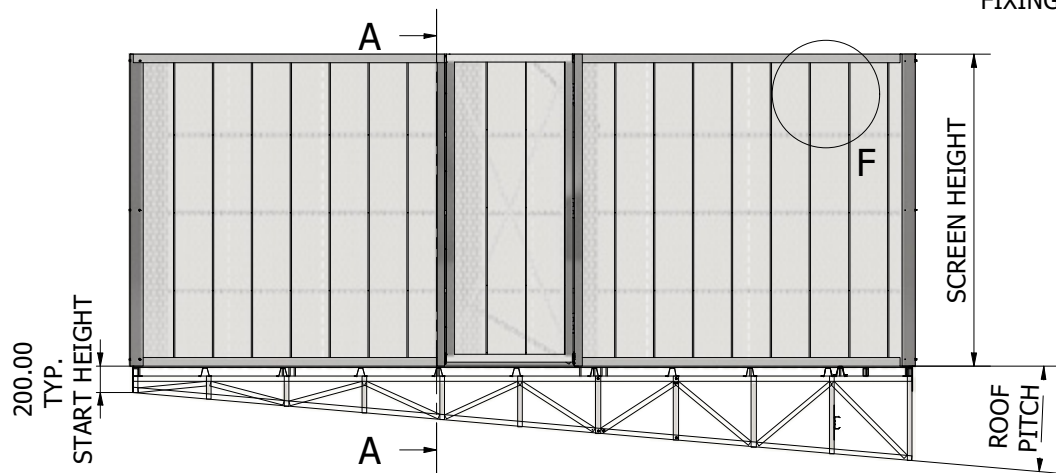
Assembly Materials

Frame: 0.75mm, G550, AZ150,
Aluminium Zinc Coated Steel

Cassettes: 0.55mm, G300, AZ150, Prepainted Steel

Material:

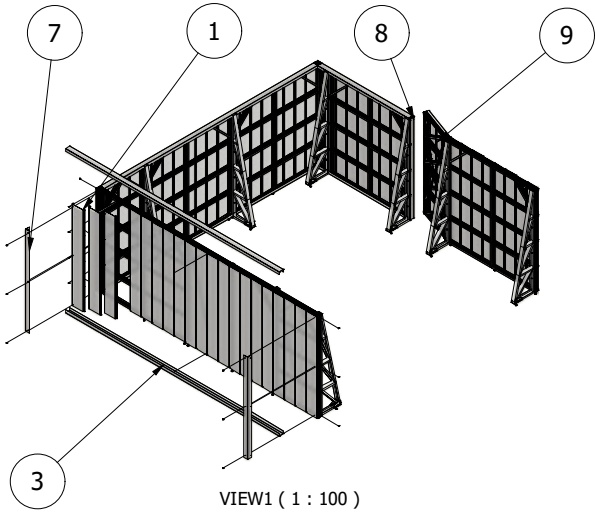
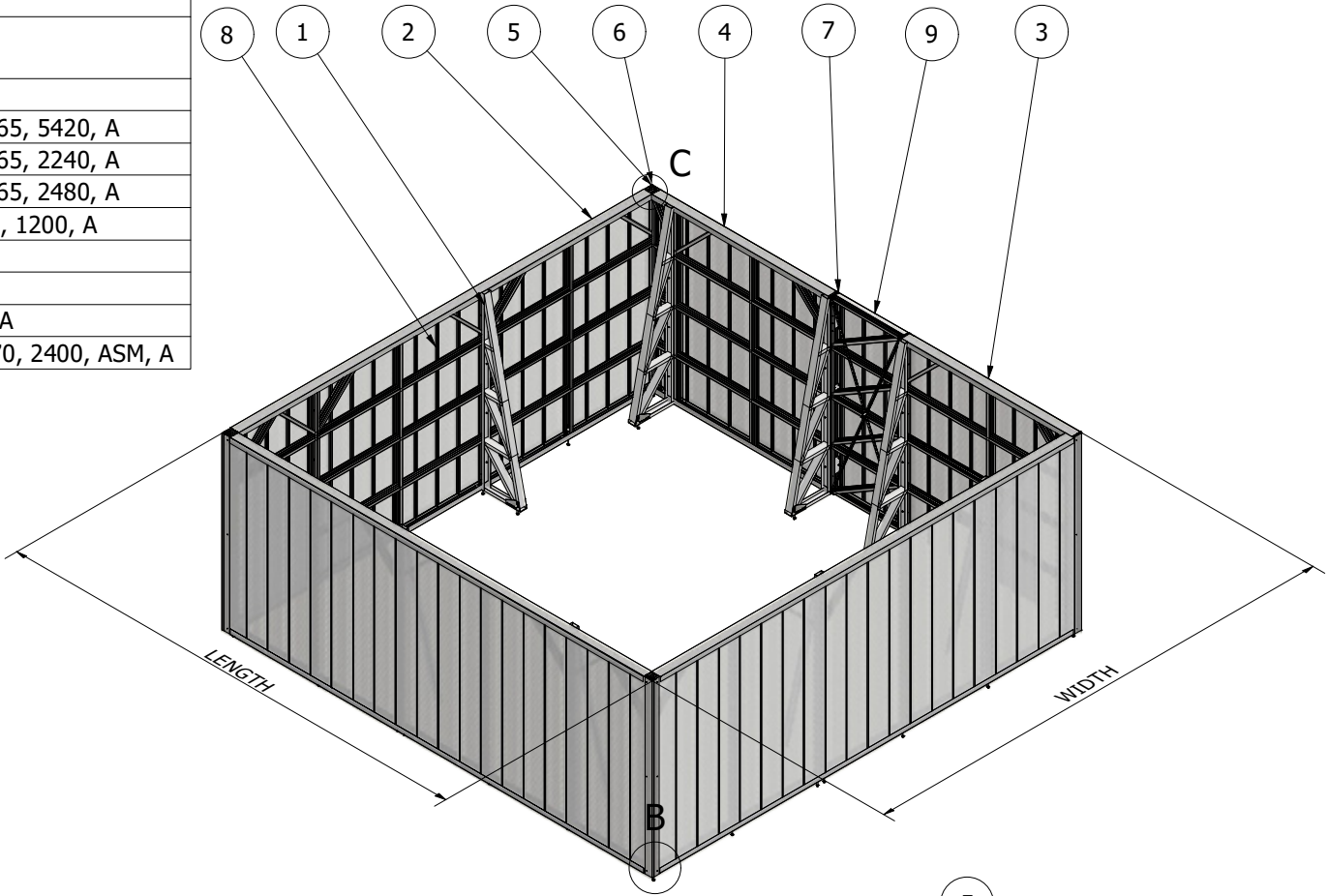
 19 CORPORATION AVE, BATHURST NSW 2795, info@conformgroup.com.au 1300 882 490		 ALL DIMS. GIVEN IN MM Scale: 1 : 40 REV: A	
Product Easy Mech, MR, Conceal AeroWall, ASM, A		Sheet 1 OF 3	
Drawing Title CFG-196			



A-A (1 : 40)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CFG-400-238	Rollform, Easy Frame, Asm, A
2	6	CFG-400-247	Screen Flashing, Top & Bottom, 120 x 65, 5420, A
3	2	CFG-400-248	Screen Flashing, Top & Bottom, 120 x 65, 2240, A
4	2	CFG-400-249	Screen Flashing, Top & Bottom, 120 x 65, 2480, A
5	2	CFG-400-251	Cassette Packer, Expanded PS, 25 x 45, 1200, A
6	4	CFG-400-255	Screen Corner Flashing - 2400, A
7	2	CFG-400-257	Screen, Door Flashing, 2400, A
8	77	CFG-401-001	Conceal AirFlow Cassette, 300 x 2400, A
9	1	CFG-401-004	Door, Conceal Airflow, Cassette, RF, 970, 2400, ASM, A

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	CREATED	01/02/2024	DW



Design Notes:

CFG-400-238 Post and Rail System specifically for use with Cassette Screen System
Relevant Products
- Acoustic+ Screening System
- Conceal Screen System
Standard Screen & Frame Height:
a) 1200MM
b) 1600MM
c) 1800MM
d) 2000MM
e) 2400MM (Shown)
Note:
(Refer to CFG-400-238 for Screen Framing Details)
(Refer to CFG-401-002 for Post Brace Details)

Design Certification

The following review has been carried out in accordance with the following SAI Codes of Practice:

AS 1657 Fixed Platforms, Walkways, Stairways and Ladders Code

AS 1170 Structural Design Actions Code (Parts 0, 1, and 2)

AS 4600 Cold-formed Steel Structures Structure Importance level 2 (normal structure), in accordance with the BCA;

Super-imposed dead load
to platforms = 0.20kPa

Assembly Materials

Frame: 0.75mm, G550, AZ150, Aluminium Zinc Coated Steel
Cassettes: 0.55mm, G300, AZ150, Prepainted Steel
Material:

Making it Easy

19 CORPORATION AVE, BATHURST NSW 2795,
info@conformgroup.com.au
1300 882 490

ALL DIMS. GIVEN IN MM

Scale: 1 : 50 REV: A

Product

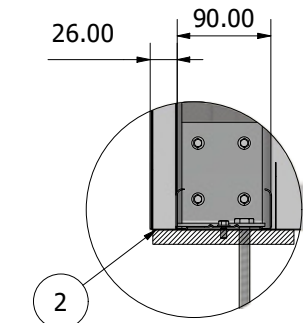
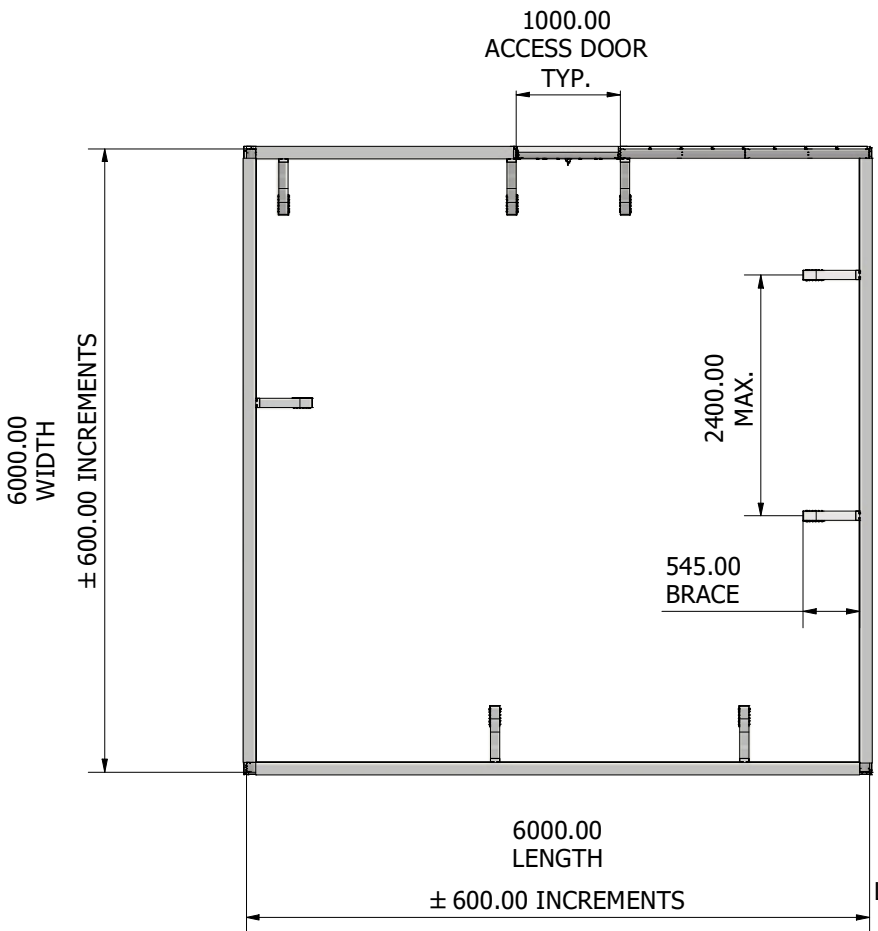
EasyScreen, Conceal Airflow Screen, Asm, A

Drawing Title

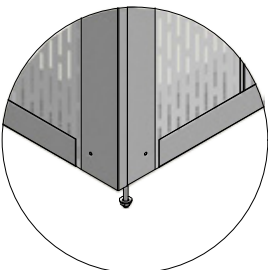
CFG-401-003

Sheet

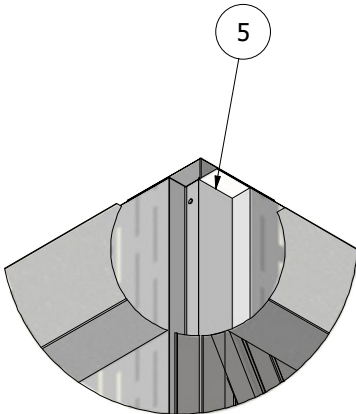
1 OF 1



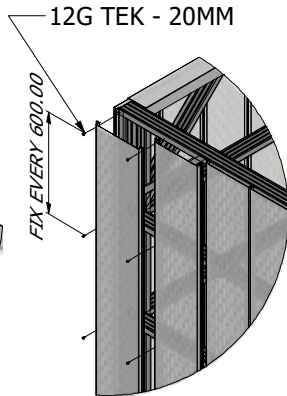
A (1 : 5)
LOWER CASSETTE GUIDE DETAIL



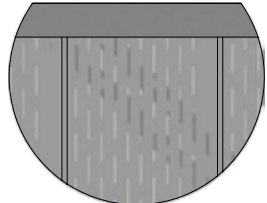
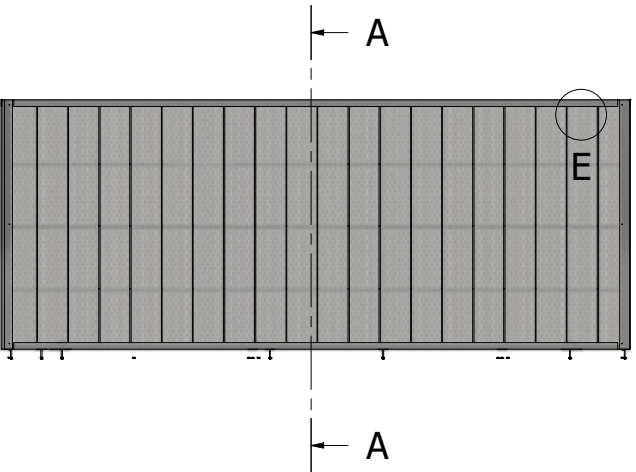
B (1 : 10)
FLASHING CORNER DETAIL



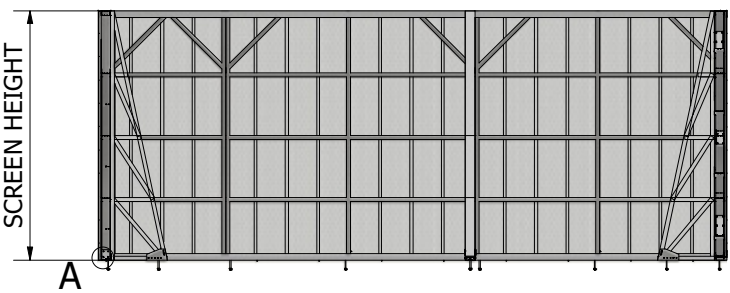
C (1 : 5)
CASSETTE PACKER FOR
TRIMMED PANEL



D (1 : 25)
CASSETTE FIXING DETAIL



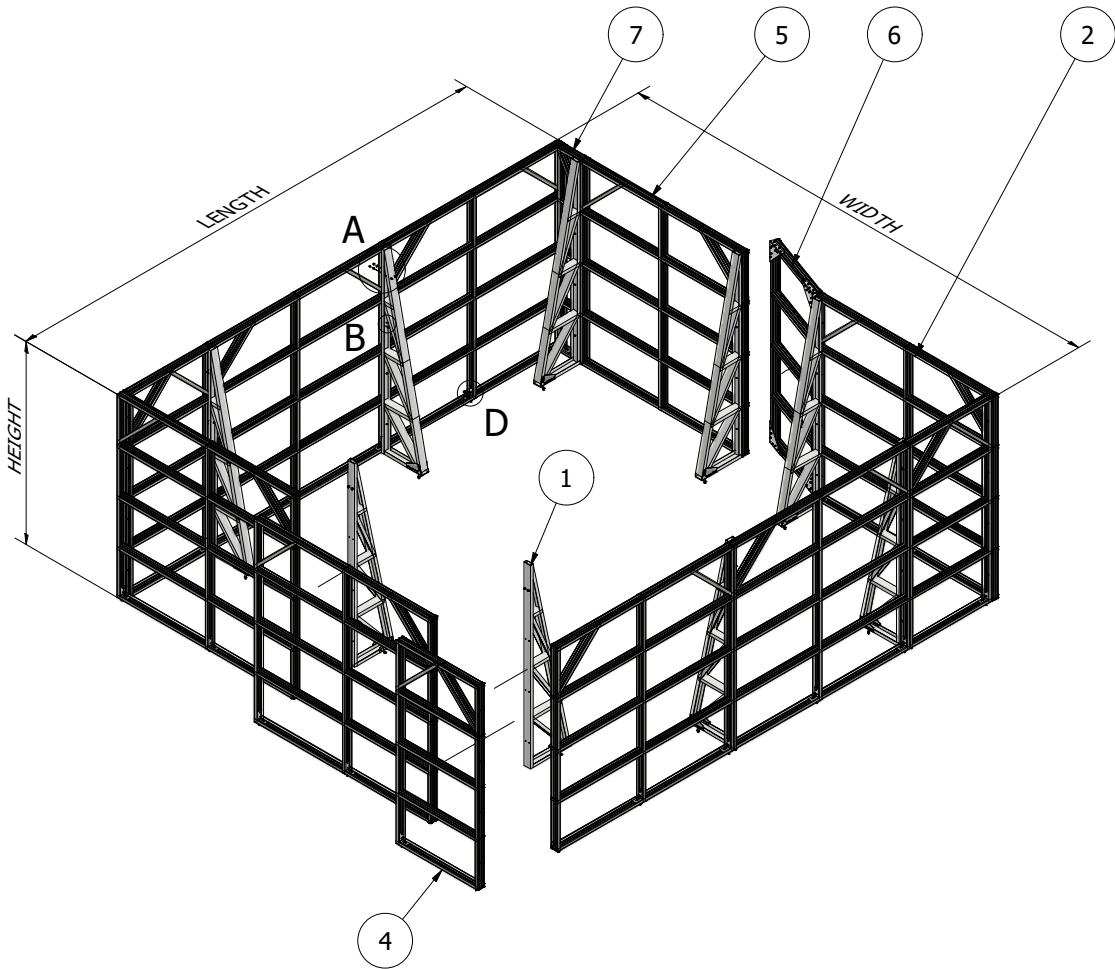
E (1 : 10)
65MM X 5MM
STAGGERED SLOT
15% OPEN AIRFLOW



A-A (1 : 50)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	9	CFG-400-010	Easy Screen, RF Brace, 2400, A
2	7	CFG-400-239	Rollform, Wall Frame, 2400, Asm, A
3	4	CFG-400-240	Wall Frame Bracket, FR, A
4	3	CFG-400-241	Rollform, Wall Frame, 1108, Asm, A
5	1	CFG-400-243	Rollform, Wall Frame, 2200, 2.4m Asm, A
6	1	CFG-400-294	Rollform, Door Frame, 970, Asm, A
7	1	CFG-400-296	Rollform, Wall Frame, 308, 2.4m, Asm, A

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	CREATED	17/01/2024	DW



Design Notes:

CFG-400-238 Post and Rail System specifically for use with Cassette Screen System
Relevant Products
- Acoustic+ Screening System
- Classic Screen System
Standard Screen & Frame Height:
a) 1200MM
b) 1600MM
c) 1800MM
d) 2000MM
e) 2400MM (Shown)
Note:
(Refer to CFG-400-239 for Rollform, Wall Frame Details)
(Refer to CFG-401-002 for Post Brace Details)

Design Certification

The following review has been carried out in accordance with the following SAI Codes of Practice:

AS 1657 Fixed Platforms, Walkways, Stairways and Ladders Code

AS 1170 Structural Design
Actions Code (Parts 0, 1, and 2)

AS 4600 Cold-formed Steel Structures
Structure Importance level 2 (normal structure), in accordance with the BCA;

Super-imposed dead load to platforms = 0.20kPa

Assembly Materials

Frame: 0.75mm, G550, AZ150, Aluminium Zinc Coated Steel

Material:



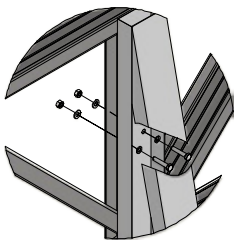
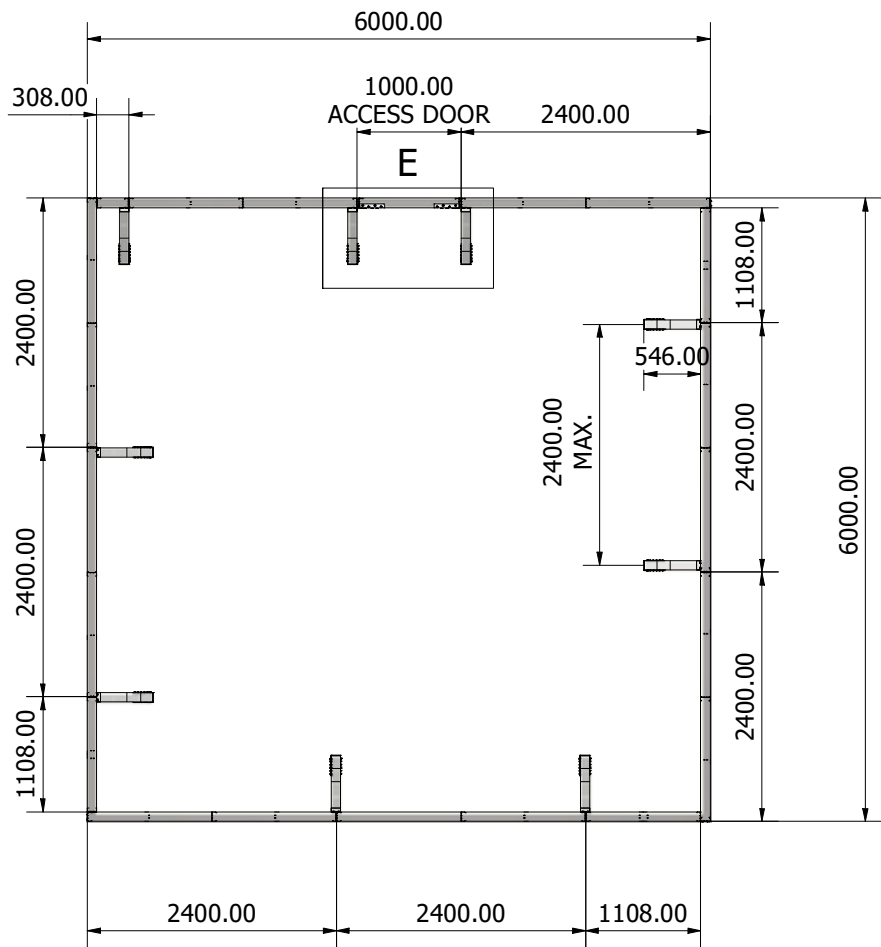
19 CORPORATION AVE, BATHURST NSW 2795,
info@conformgroup.com.au
1300 882 490

Scale: 1 : 50 REV: A

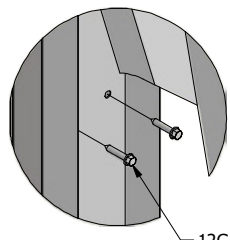
Product
Rollform, Easy Frame, Asm, A

Drawing Title
CFG-400-238

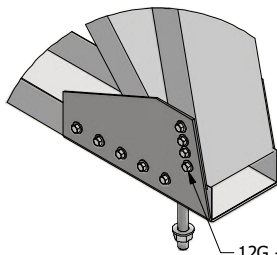
Sheet
1 OF 2



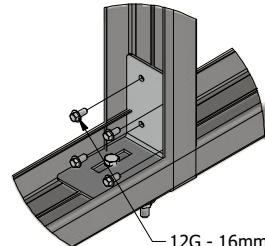
A (1 : 10)
BRACE TO FRAME
TOP FIXING DETAIL



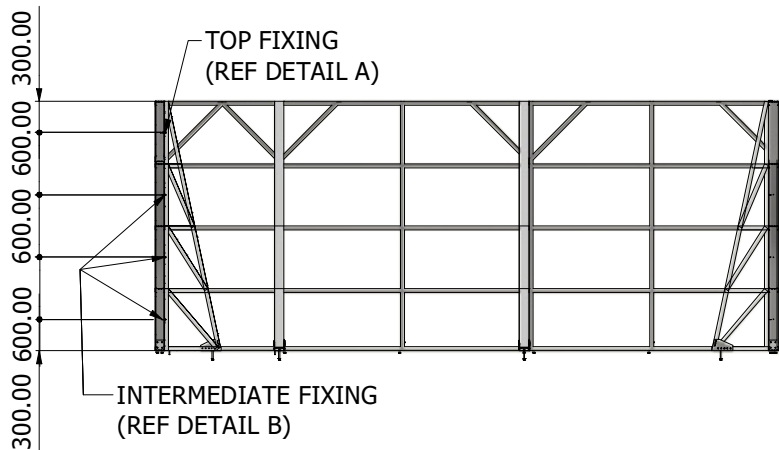
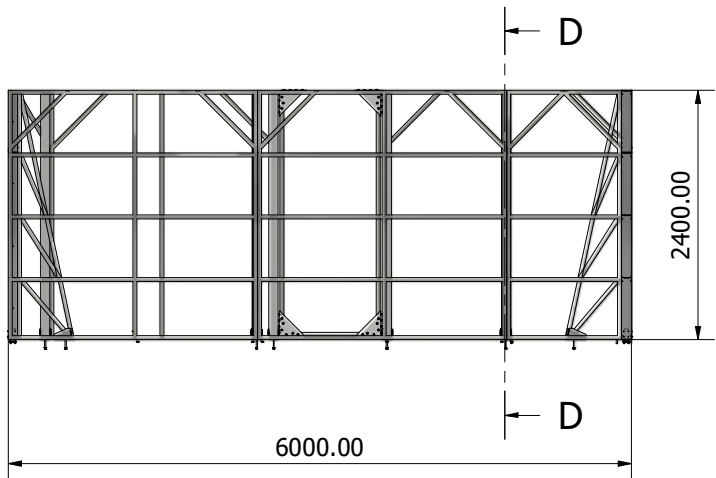
B (1 : 4)
BRACE TO FRAME
INTERMEDIATE FIXING DETAIL



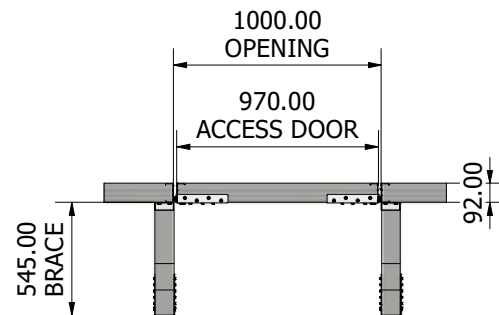
C (1 : 5)
BRACE BRACKET
FIXING DETAIL



D (1 : 5)
FRAME BRACKET
FIXING DETAIL



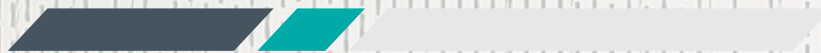
D-D (1 : 50)
BRACE TO FRAME FIXING DETAIL



E (1 : 25)
DOOR FRAME DETAIL

Con-form[®] GROUP

Making it *Easy*



Our Capability Brands



Manufacturing
Centre of Excellence



Digital Design
Centre



Product
Development Centre



Custom
Engineered Product



Architectural
Creative Partner



Design
To Install