Acoustic+ UltraWall©

Product Specification Sheet

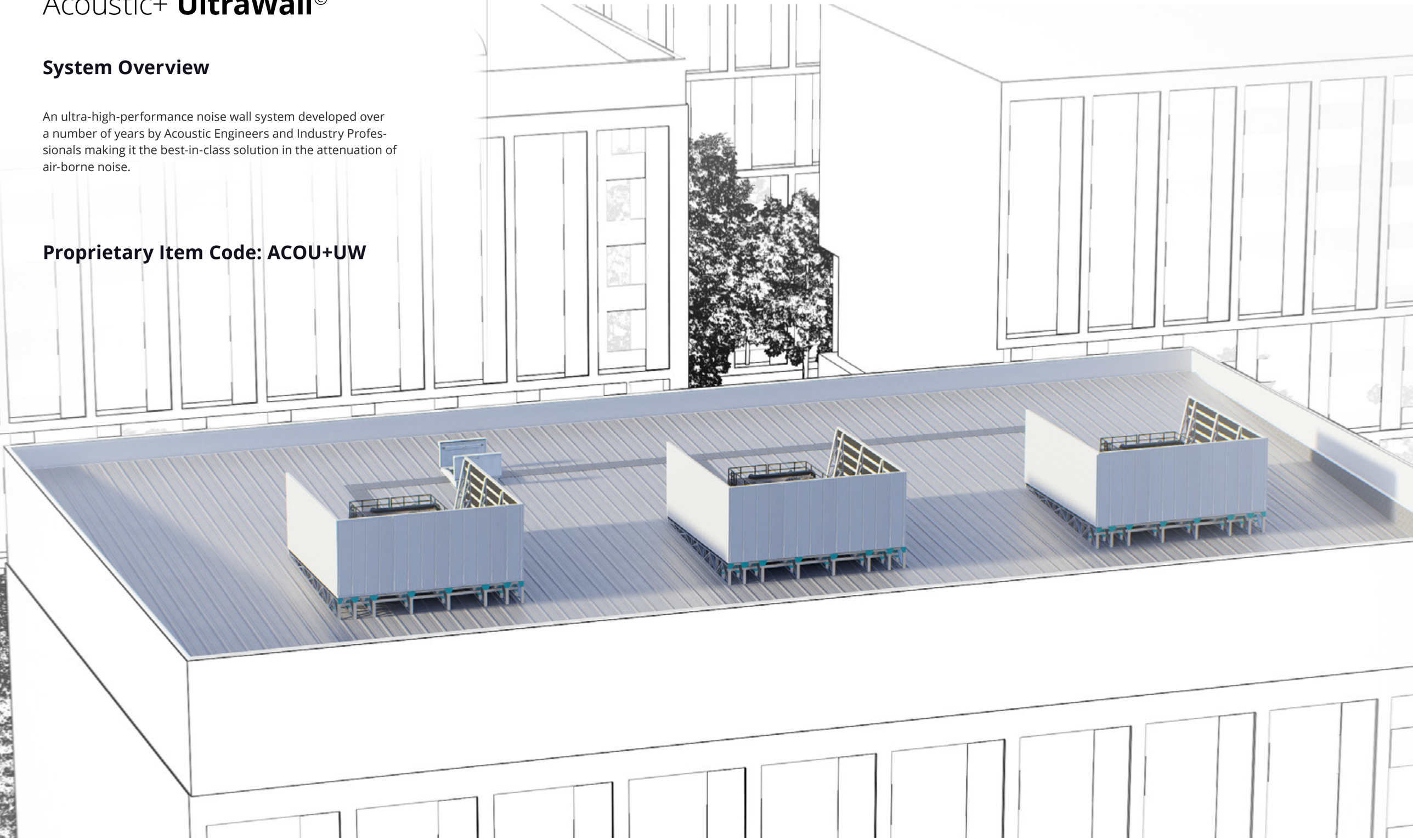
Con-form® GROUP
Making it Easy

Acoustic+ **UltraWall©**

System Overview

An ultra-high-performance noise wall system developed over a number of years by Acoustic Engineers and Industry Professionals making it the best-in-class solution in the attenuation of air-borne noise.

Proprietary Item Code: ACOU+UW



Acoustic+ **UltraWall©**

Applications and Advantages

- Large format stores – Shopping Centres - Supermarkets
- Large condenser platform screening.
- General architectural screening.
- Compressor enclosures and screening.
- Other mechanical plant equipment enclosures.
- Acoustic+ is Australia's leading external acoustic wall system in performance, design and value.
- Con-form Group's most effective system at reducing sound energy due to its three phase operation (absorbing - reflecting - absorbing).
- Non-invasive - perfect to retrofit.
- Can be fitted directly to existing metal deck roofs.
- Structural components provide highly durable, long-term stability and performance.
- Built to withstand all weather conditions.
- Absorptive barrier is moisture resistant, UV resistant and fire retardant.
- Easy assembly, 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

- Weight's vary depending on selected screen solution.
- 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).
- Standard Heights: 1200mm, 1600mm, 2000mm, & 2400mm

Fire Resistance:

- Tested to AS ISO 9705 Corner Burn in accordance with AS 5637.1.
  Variations up to 75mm = Group 1-S SMOGRA not more than 100m2 /s2 x 1000.
    - Ignitability Index: 0
    - Spread of Flame Index: 0
    - Heat Evolved: 0
    - Smoke Developed Index: 0 – 3



Acoustic Performance

- Acoustic Performance: Available in five density options to suite your site-specific needs:
- All options have a noise absorbative surface as a standard.
- Option B = 20kg/m2
- NRC (Noise Reduction Coefficient) = 1.05

Acoustic+ **UltraWall©**

Environmental & Health Benefits:

> Recycled Fibre Content: 80% minimum.
> Volatile Organic Compounds (VOC's): No harmful VOC's.

- Formaldehyde Content: Nil
- Phenol Content: Nil
- Ammonia Content: Nil
- Ozone Depleting Potential (ODP): Nil
- Chloride Content
- Total Recyclable Content: 100%

Moisture Resistance:

> Exposure to an atmosphere of 50˚C and 95% relative humidity for 4 days results in less than 0.2% by vol moisture absorption.

Maximum Service Temperature:

> The maximum temperature to which Acoustic+ should be exposed in service is 150˚C.

- PET (polyethylene terephthalate)is made from 80% recycled materials and unaffected my moisture making it ideal for

Warranty

> All steel components are backed by a 25 year warranty.
> Replaceable items are covered by a 10-Year Warranty.

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.

Colour Options

> Available in three popular Colorbond colour choices.

Colorbond

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 in accordance with AS/NZS 1170.2, and based on the following parameters: VR,500 = as listed below; and Ms = 1.00, Mt = 1.00, Md, =1.00, and Mz,cat.
> Wind Loads: Con-form products have been certified for wind regions A, B and C.

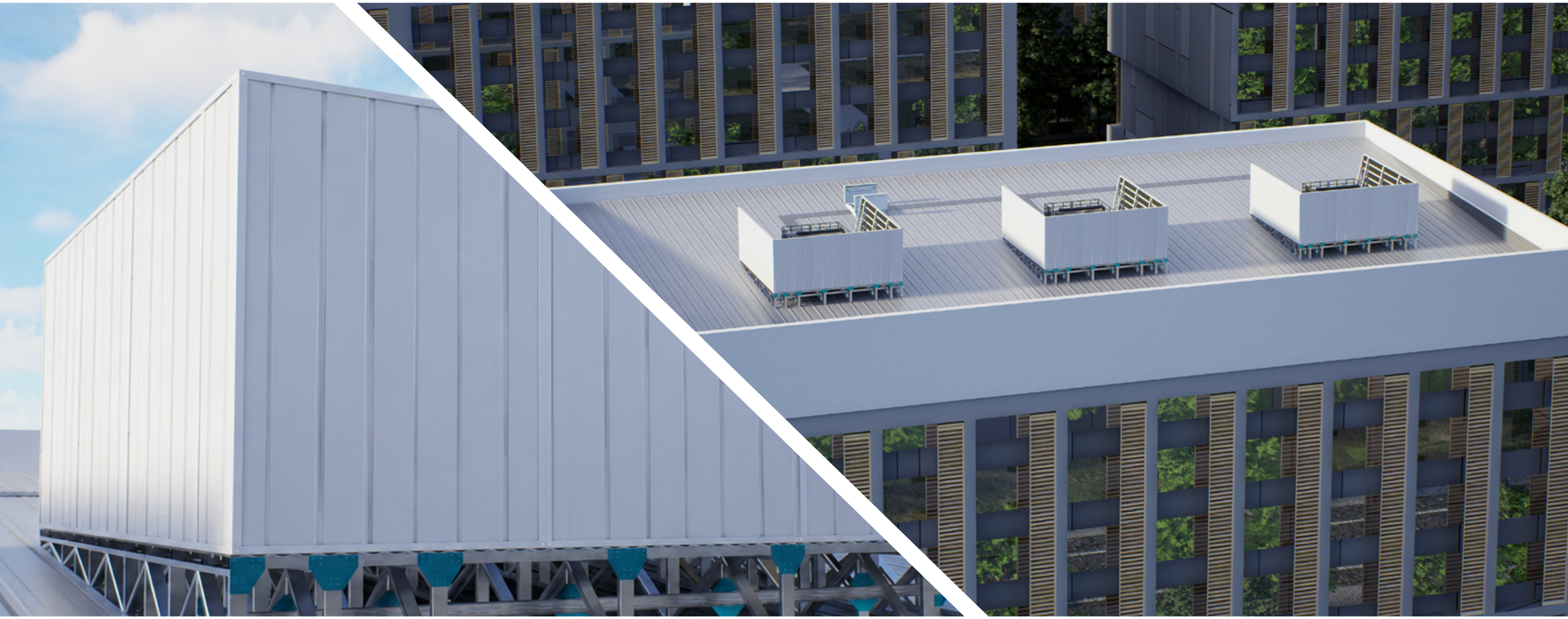
- V500 = 45m/s - Region A - Tc 2.5
- V500 = 57m/s - Region B - Tc 2.5
- V500 = 66m/s - Region C - Tc 2.5



Project examples

Versatile system options

Acoustic+ UltraWall© captures unwanted noise with its three-way absorb-reflect-absorb operation. At its core is a polyethylene material made from recycled products. The panel was developed for Con-form Group by a team including our engineers and acoustic industry professionals. Acoustic+ UltraWall© can be tuned to suit the noise output of each individual site



Custom Engineered Product

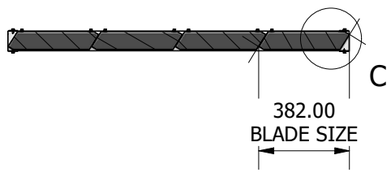
Architectural Creative Parnter

Design To Install

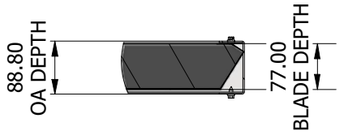
PARTS LIST			
ITEM	PART NUMBER	DESCRIPTION	COMMENTS
1	CFG-403-099-01	Acoustic+ UltraWall, VT, Channel, A	Continuous with Screen Width. Colour matched to Blade.
2	CFG-403-099-02	Acoustic+Ultrawall, VT, Side Channel, A	Endcaps for Screen. Colour matched to Blade.
3	CFG-403-106	Acoustic+ LouvreWall, Blade, Asm, Option B	Refer to Colour Options in Spec Sheet.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	CREATED	06/06/2026	DW

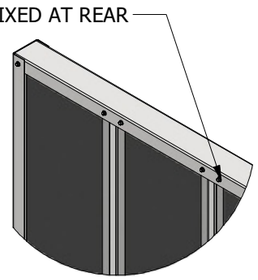
B-B (1 : 25)

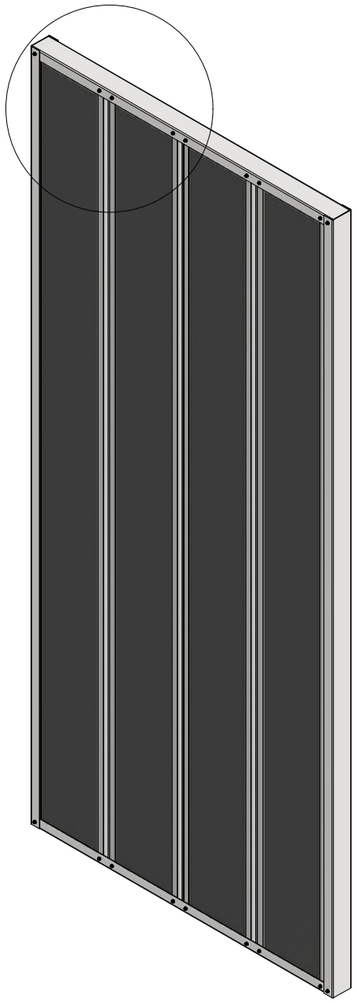


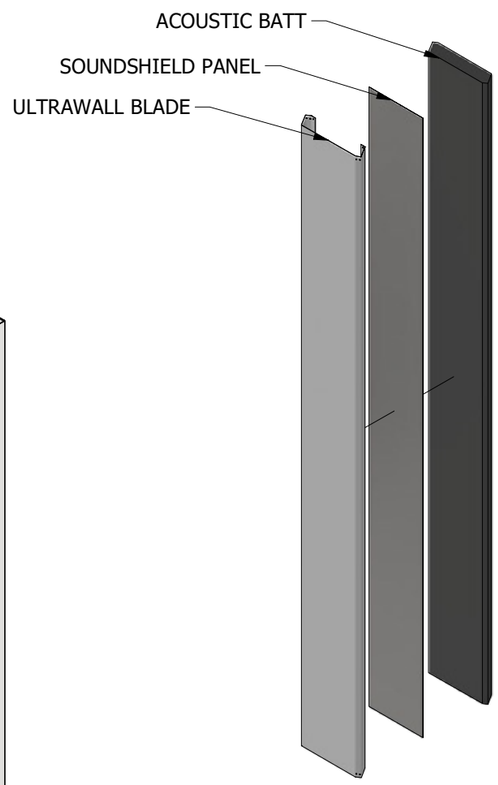
C (1 : 10)



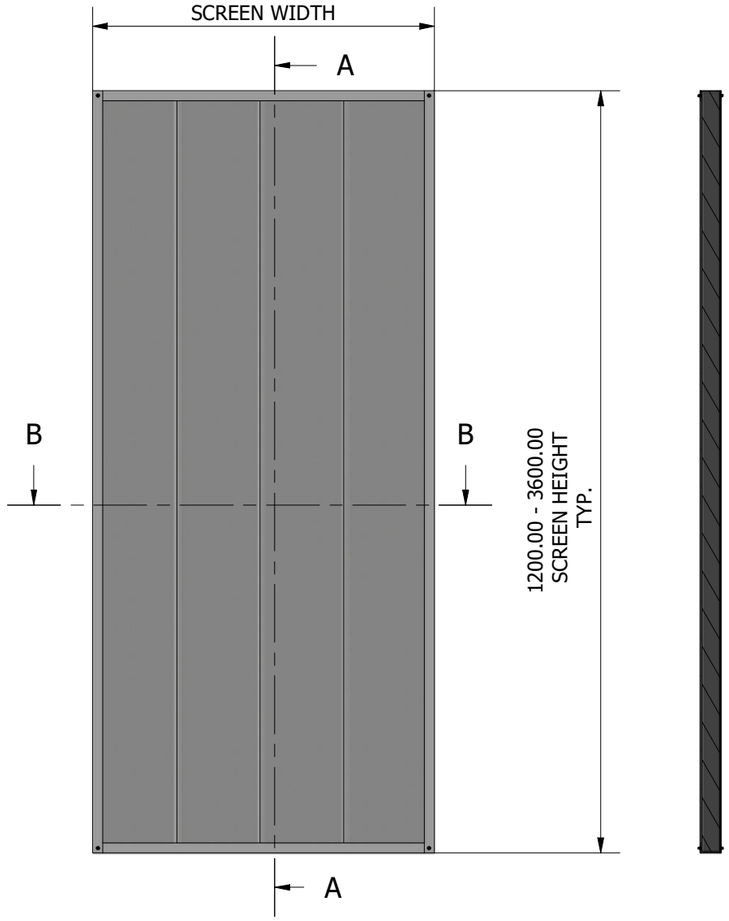
D (1 : 15)



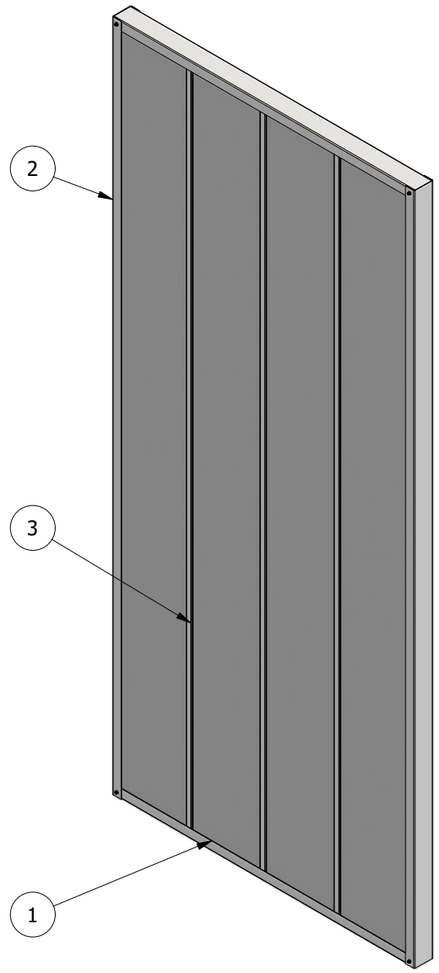




ULTRAWALL BLADE ASSEMBLY - OPTION B



A-A (1 : 25)



FRONT ISO

REAR ISO

Design Notes:

Partition Surface Mass: 20kg/m2

NRC (Noise Reduction Coefficient) :1.05

Cassette Full MFG Dim. Refer Design: CFG-600-069

Material:

Con-form GROUP
Making it Easy
19 CORPORATION AVE ,BATHURST NSW 2795,
info@conformgroup.com.au
1300 882 490

ALL DIMS. GIVEN IN MM

Scale: 1 : 25 | REV: A

Product
Ultrawall Panel, Option B, VT, Asm, A

Drawing Title
CFG-403-105

Sheet
1 OF 1

C:\Users\DylanWhite\Documents\Vault\Engineering Data\01 Assemblies\4.6-ACOUSTIC+ LOUVRE\Acoustic+ DC\Ultrawall, VT, Panel, 1196W x1790H, Asm, A.iam

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Con-form® GROUP

Making it Easy

Our Capability Brands

MCE
Manufacturing
Centre of Excellence

DDC
Digital Design
Centre

PDC
Product
Development Centre

CEP
Custom
Engineered Product

ACP
Architectural
Creative Parnter

D2I
Design
To Install