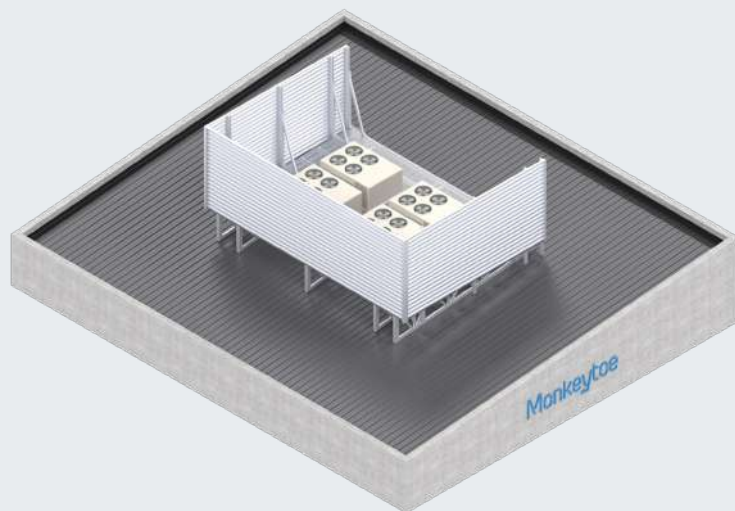


HushMonkey - louvre-look Acoustic Screening



PRODUCT DESCRIPTION

The HushMonkey Louvre-look Acoustic Panel is an easy-to-install sound absorbing wall system that is innovative, functional and versatile. It looks visually like a louvre, but has the acoustic properties of HushMonkey.

TYPICAL USES / APPLICATIONS

- Perfect for a wide range of industrial applications
- Equipment platform screening
- Plantrooms
- Machine enclosures
- Data centres
- Hospitals
- Generator/Compressor Enclosures
- Power Stations
- Factories/Warehouses
- Airports
- Outdoor sound control walls

CHARACTERISTICS / ADVANTAGES

- Highly durable greenstar rated absorbing material with a minimum 60% recycled material content
- Extensively third party tested For acoustic performance and durability
- Efficient sound-absorbing material, specifically developed for noise reduction in external plant enclosures. This is the result of collaboration with Autex Acoustics and Monkeytoe.
- Additional options with higher performance available for specific applications
- Innovative, economical and straightforward installation system
- As Installed acoustic performance can be modelled very accurately with results of extensive field and laboratory testing.
- Easily adaptable and modular as requirements change
- Can be run vertical or horizontally for visual effect
- Pre engineered system configurable for all wind loads
- Highly rigid extrusion profile offers greater sound reduction than sheet type barriers

TECHNICAL DATA / MATERIALS

- Materials - Facing: 254 x 40mm architectural marine-grade aluminium channel
- Surface weight - 12.5kg/m²
- Materials - Inner: Recycled polymer absorptive core
- Optional powder-coated exterior

TESTS

APPROVALS / STANDARDS

- Structural design action B1 & B2
- AS/NZS 1170 Standards Australia / New Zealand (Relevant parts)

WARRANTY

- 10 years product warranty
- Product Warranty is valid in accordance to the PS1 Engineering Standard that it has been designed to

MAINTENANCE

- It is recommended that plant platforms are included in the standard 'building warrant of fitness' inspections.
- All damage or loose fixings to be reported immediately to asset manager or building owner for correction.

SOUND MAPS

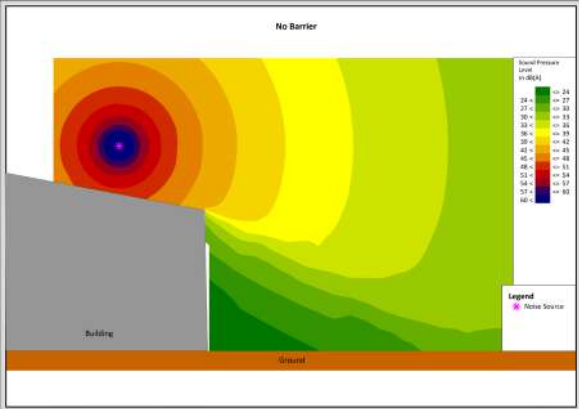


Fig.1 - No barrier

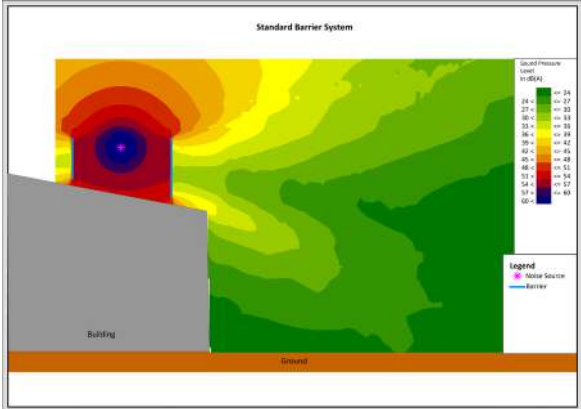


Fig.2 - Standard barrier

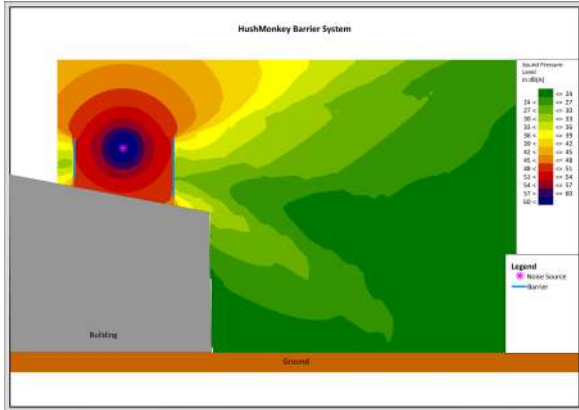


Fig.3 - HushMonkey barrier

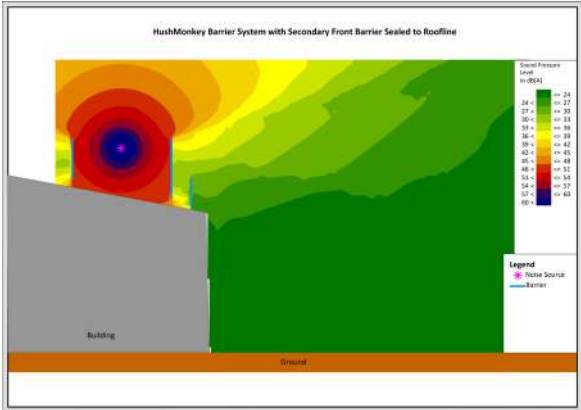
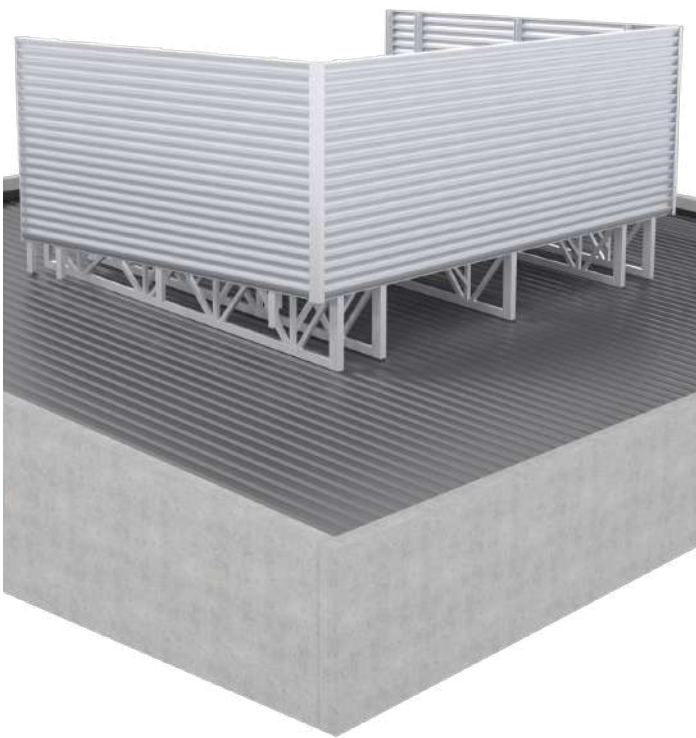


Fig.4 - HushMonkey barrier with second front barrier sealed to roofline to allow airflow

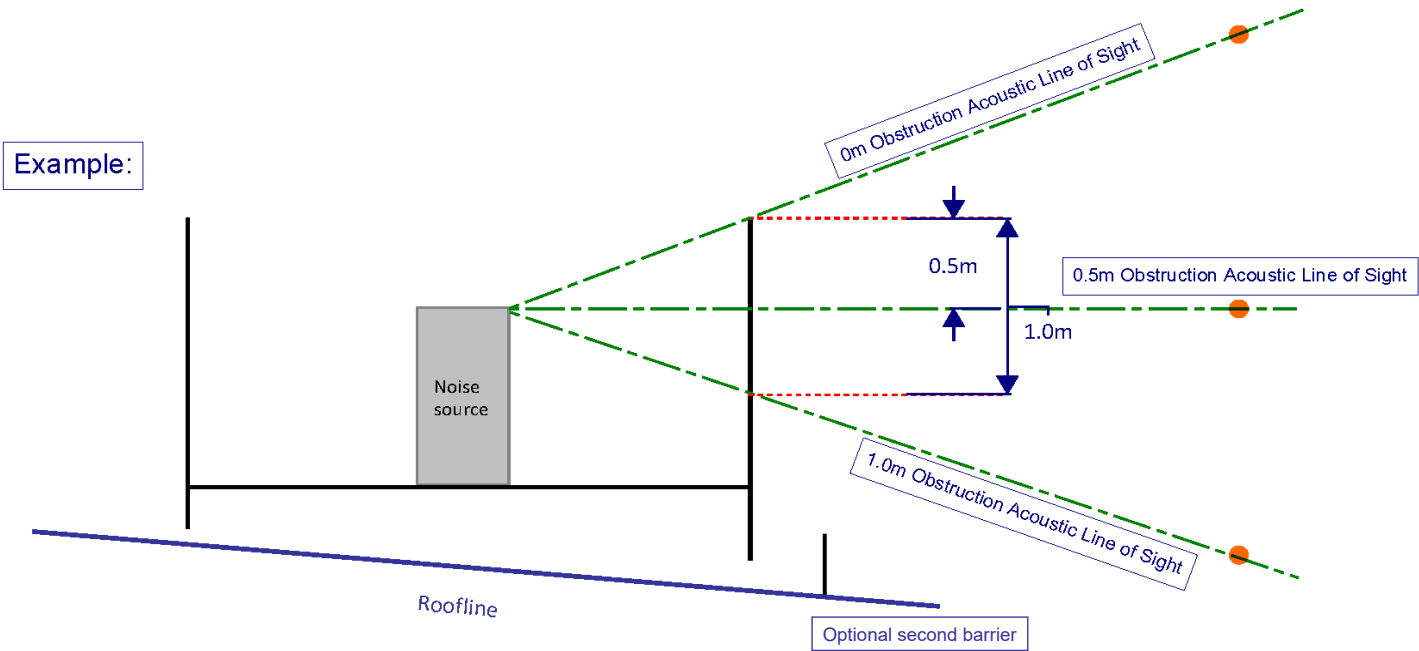
PRODUCT IMAGES.

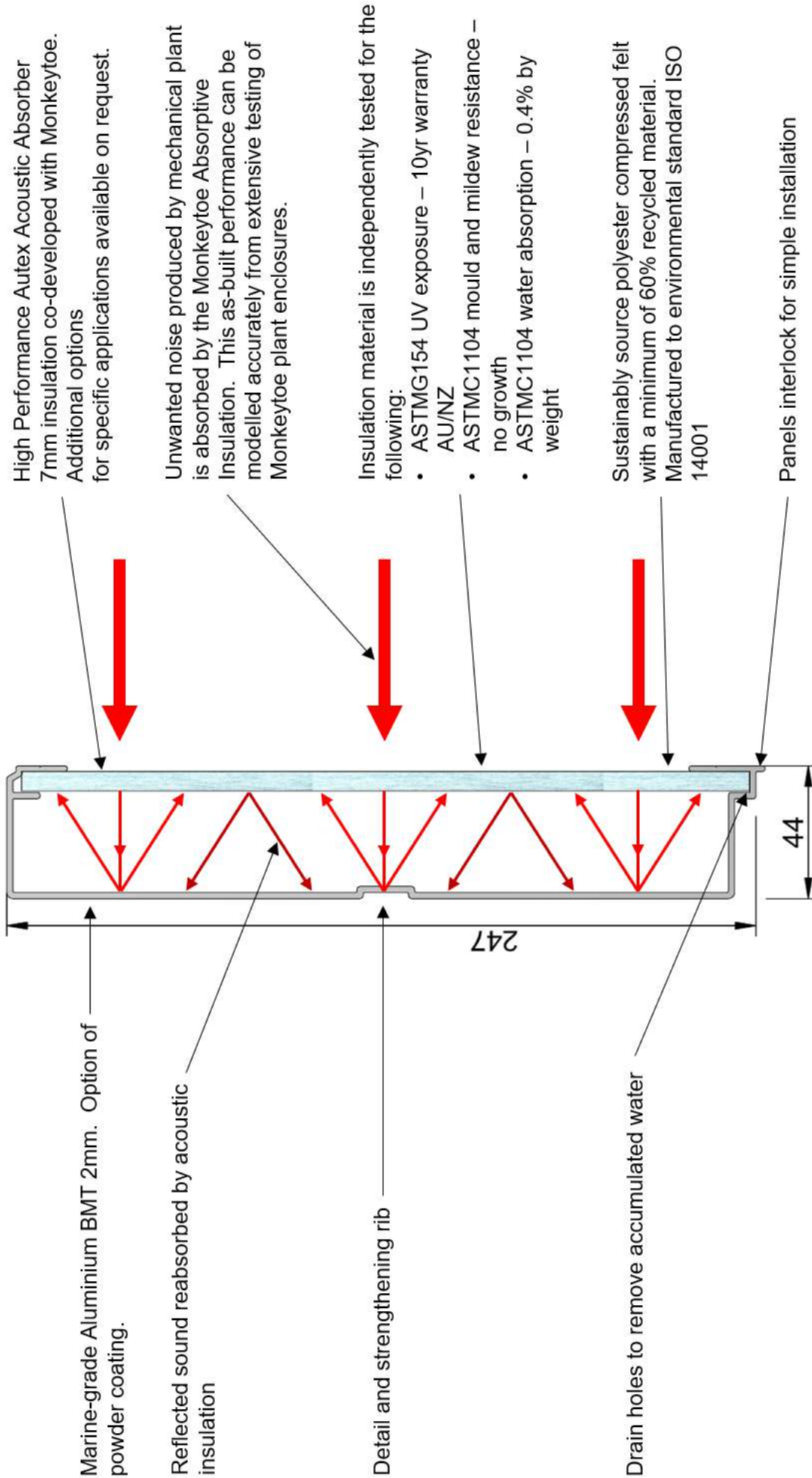


HUSHMONKEY PANEL SOUND REDUCTION INDEX		
Frequency (Hz)	dB	
50	14.4	
63	18.1	
80	15.9	
100	15.6	
125	14.3	
160	14.1	
200	14.2	
250	14.8	
315	16.5	
400	20.1	
500	22.5	
630	25.8	
800	28.3	
1000	28.0	
1250	31.9	
1600	31.6	
2000	28.7	
2500	29.3	
3150	31.6	
4000	33.1	
5000	32.8	
Rw Rating		26
Sound Reduction Index in accordance with ISO 10140		

HUSHMONKEY PANEL ACOUSTIC ABSORPTION PROPERTIES		
Frequency (Hz)	Absorption Coefficient, α	
50	-	
63	-	
80	-	
100	0.05	
125	0.09	
160	0.14	
200	0.18	
250	0.24	
315	0.30	
400	0.47	
500	0.59	
630	0.72	
800	0.80	
1000	0.89	
1250	0.97	
1600	0.97	
2000	0.98	
2500	0.96	
3150	0.89	
4000	0.82	
5000	0.76	
NRC Rating		0.7
HushMonkey Panel Acoustic Absorption Properties in accordance with ISO 354 - 2003		


OBSTRUCTION DIAGRAMS

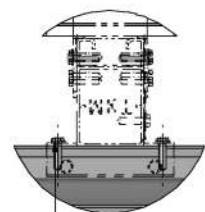
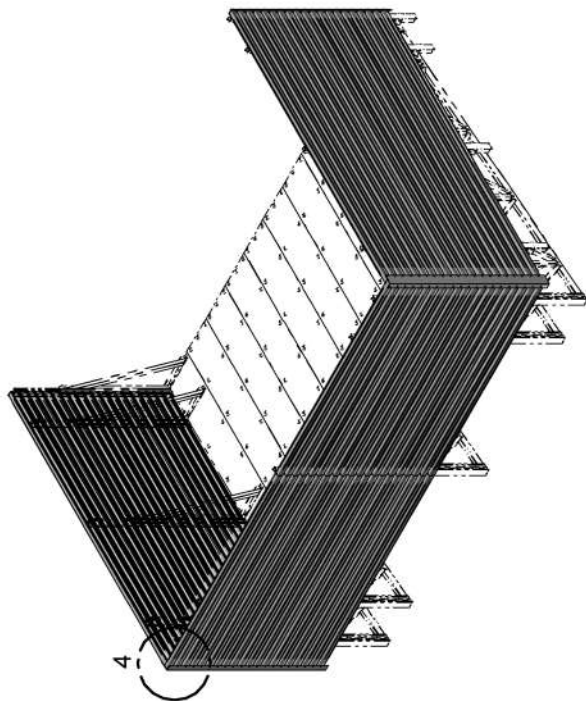




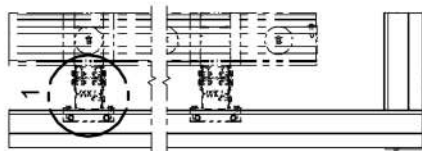
Monkeytoe

EVERYTHING BETTER
0800 658 637 - www.monkeytoe.co.nz

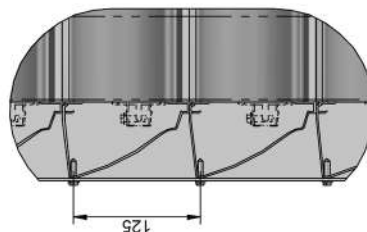
Descriptive Cross Section View			
Hushmonkey Absorbent Panelling			
DWG No: 3528- MCSV-1	13/08/2020		
	SHEET 1 OF 1	A3	
	SCALE: 1:1.25		REV:01
	DIMENSIONS IN MILLIMETERS		
DO NOT SCALE			



DETAIL 1
1:4

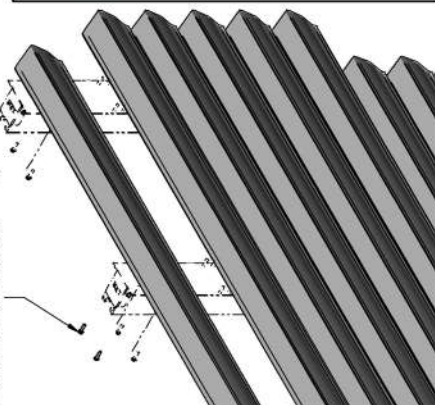


SECTION A-A
1:10



DETAIL 2
PM20 JOIN
1:5

FIXED WITH 12G 22mm TEKS
BOTH SIDES OF SCREEN SUPPORT
FOLLOWING V-GROVE IN
PM52 LOUVRE EXTRUSION



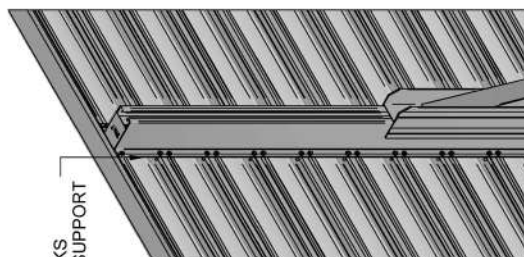
FIXED WITH 12G 22mm TEKS
BOTH SIDES OF SCREEN SUPPORT
FOLLOWING V-GROVE IN
ACOUSTIC EXTRUSION



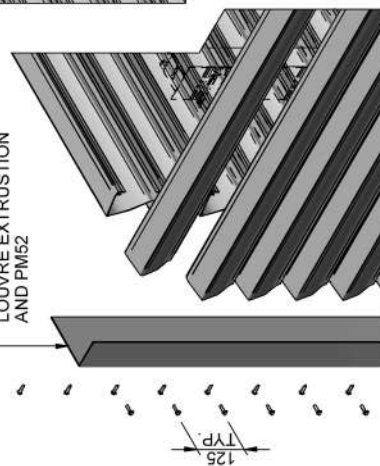
DETAIL 3
1:10

PM52 END & NON JOIN POST FIXING DETAIL

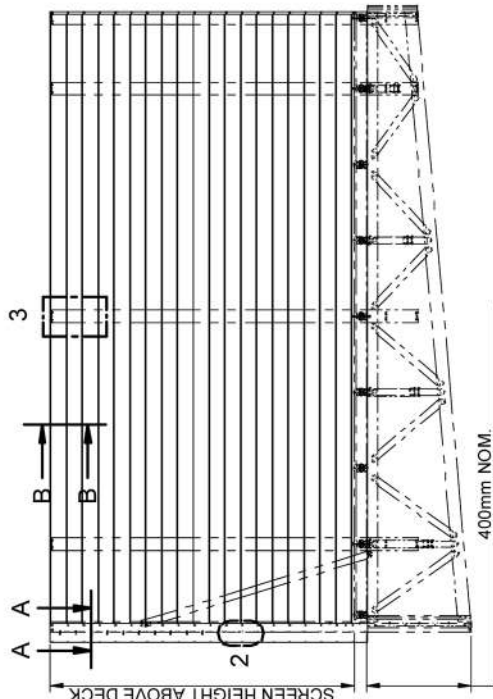
FIXED WITH 12G 22mm TEKS
BOTH SIDES OF SCREEN SUPPORT
FOLLOWING V-GROVE IN
PM52 EXTRUSION



150x75x2.5/3mm EA
OUTSIDE CORNER
FIXED WITH 12G 22mm TEKS
TOP AND BOTTOM OF
LOUVRE EXTRUSION
AND PM52



LOUVRE CORNER JOIN DETAIL



SIDE ELEVATION

REFER TO PLATFORM SPECIFIC DETAILS

PLATFORM PM25 LOUVRE SCREEN INSTALL DETAILS			
MONKEYTOE - 'HUSHMONKEY'			
DWG No: MPAC-ID-PM25-HRL-01	2004		
		SHEET 1 OF 1	A3
		SCALE: 1:40	REV:01
		DIMENSIONS IN MILLIMETERS	

Monkeytoe

EVERYTHING BETTER

DRAWN BY:	JP
MODELED BY:	JP
CHECKED BY:	BP/BD/LK
DATE DRAWN:	02/06/2021
LAST SAVED:	02/06/2021
MATERIAL:	SEE B.O.M.
FINISH:	MILL
TOLERANCES:	+0,-2.0/0.1"