

GUIDANCE NOTE

Project: INAPOD Fire Engineering Guidance Note

CAN No: FE001[1.2]

Date: 21 September 2022

Project No: 40509 - 001

Pages: 8

Fire Engineering Guidance Note - INAPOD Office Pod Series

1. Introduction

1.1. INTENT OF THE GUIDANCE NOTE

NDY has been requested by Office Portfolio to review the INAPOD Office Pod Series with respect to the National Construction Code (NCC) Building Code of Australia (BCA) 2019 – Amendment 1 compliance pathways.

The intent of this note is to provide guidance for designers as to key Fire Safety compliance requirements and considerations associated with the INAPOD Office Pod series that can be used on their project or installation.

1.2. LIMITATIONS

- ▶ This document provides high level guidance only and does not serve as a Building Code of Australia (BCA) assessment, Performance Solution Report or Fire Engineering Report. This document should not be relied upon or used for regulatory approvals.
- ▶ For all projects, BCA compliance interpretations are the responsibility of and at the discretion of the project BCA Certifier / BCA Consultant / Relevant Building Surveyor.
- ▶ Where fire engineering Performance Solutions are sought for individual projects, a suitably qualified project fire engineer should be engaged.
- ▶ This review relates to fire safety considerations only – all other aspects of the building code such as light, ventilation and accessibility are excluded.
- ▶ Where third party test reports are referenced and attached, NDY has not been engaged to undertake a technical review to verify the adequacy or accuracy of these reports.

1.3. REFERENCE DOCUMENTS

This guidance note has been prepared based on a review of the following documentation:

- ▶ INAPOD Catalogue, titled Office Pod Series, dated 2019. Attached within Appendix A.



2. Description of Pods

2.1. OVERVIEW

The INAPOD Office Pod Series includes 5 distinctive pod designs: Single(S), Work(W), Chat(C), Double(D) and Meeting(M) pods as shown in the following image.

A full brochure providing key dimensions and contents is attached within Appendix B.

Key components of the pods include as follows:

- ▶ Steel framed construction
- ▶ Walls are either laminated glass or acoustic lined wall panels [refer to 2.2 below for comments on fire hazard properties and available tests]
- ▶ Carpet [refer to 2.2 below for comments on fire hazard properties and available tests]
- ▶ Ventilation fans
- ▶ A range of different optional furniture configurations depending on size



Figure 2.1 – INAPOD Office Pod Product Range

2.2. FIRE HAZARD PROPERTIES

WALL AND CEILING LININGS

The following material testing has been commissioned in relation to BCA DTS Specification C1.10 Clause 4 – refer to Appendix A for (shortform) test reports:

- ▶ AS 5637.1:2015 – Determination of fire hazard properties wall and ceiling linings - **Group 3 rating**.
- ▶ AS/NZS 3837:1998 – Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter.

FLOOR COVERINGS

The following material testing has been commissioned in relation to BCA DTS Specification C1.10 Clause 3 – refer to Appendix A for (shortform) test reports:

- ▶ AS 9239.1:2003 - Reaction to fire tests for floorings.

OTHER

Material testing has also been undertaken to Australian Standard 1530.3, which was undertaken by an international testing laboratory. The test report is available from the Inapod website if required.



3. NCC BCA Compliance

3.1. COMPLIANCE PATHWAYS

This section defines the possible pathways to achieve compliance with the National Construction Code (NCC). The following figure represents the NCC compliance structure.

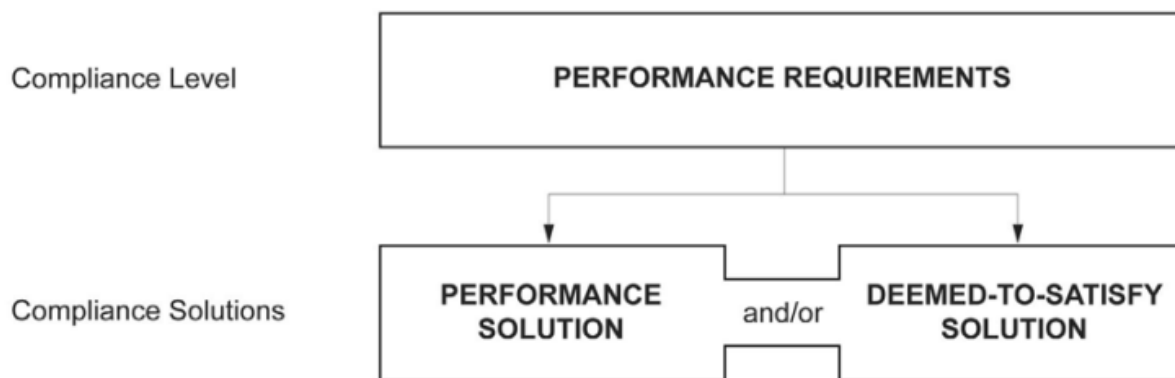


Figure 3.1 – NCC Compliance option structure

Compliance with the Performance Requirements can be achieved through two pathways: a Deemed-to-Satisfy Solution and/or Performance Solution.

- ▶ The BCA nominates Deemed-to-Satisfy (DTS) provisions as a prescriptive method to comply with the Performance Requirements. If all DTS requirements are met, then the Building Certifier/Relevant Building Surveyor is able to approve the works without the involvement of a Fire Safety Engineer.
- ▶ A Performance Solution is an alternative method of complying with all the Performance Requirements. Where compliance with all the DTS provisions cannot be achieved (or does not meet the project objectives), a Performance Solution may be appropriate.
A Performance Solution with respect to the fire safety provisions of the BCA would need to be developed by the nominated project Fire Safety Engineer to demonstrate compliance with the BCA Performance Requirements. Some states in Australia the engineer will require specific local Accreditation.

3.2. KEY STEPS

The following outlines key steps to be undertaken as part of the approvals process:

- ▶ Check BCA DTS Compliance
 - Establish whether the pod design complies with relevant BCA DTS provisions applicable to the project, and what fire related services if any need to be installed within the pods to comply with BCA DTS provisions.
 - This would typically be confirmed by the project BCA Consultant / Building Surveyor / Certifier.
 - Refer to 3.3. below for key BCA DTS clauses.
- ▶ Check for additional requirements
 - Request all relevant Fire Engineering Reports applicable to existing buildings and/or the fitout, and review to establish whether there are additional requirements that may apply to the pods.
 - This would typically be undertaken by the project fire engineer.

If any non-compliances are identified with the above, a qualified fire engineer in some circumstances may be able undertake a Performance Solution assessment to omit / rationalise certain measures. Note that Performance Solutions will often be an additional project cost, with relevant authority approvals risks and timeframes to also be considered.



3.3. KEY NCC BCA CONSIDERATIONS

The following table summarises key prescriptive measures and potential Performance Solution for various design considerations.

KEY NOTES:

- ▶ The extent of BCA DTS provisions below that are applicable to each pod is dependent on the BCA Classification of each building, which is to be confirmed by the project BCA Consultant / BCA Certifier / Relevant Building Surveyor for each project.
- ▶ Where a Fire Engineering Report (FER) is applicable to the base-building or tenancy, there may be additional requirements within the relevant FER that exceed minimum BCA DTS Provisions which will also need to be considered.

#	Fire Safety Measures	Prescriptive Compliance with BCA DTS provisions	Performance Solution through Fire Engineering
1.	Sprinkler System	<ul style="list-style-type: none"> ▶ If a sprinkler system is required in the building (by the BCA or FER), sprinkler head/s shall be installed in the INAPODs to provide full coverage of the enclosure. Refer to Table E1.5 for DTS provisions. <p>Note that the pods have provisioning to run sprinkler pipes into the pod if required.</p> <ul style="list-style-type: none"> ▶ The installation and design of the sprinklers shall be in accordance with the relevant version of AS 2118 by the Fire Protection Designer. 	<ul style="list-style-type: none"> ▶ If a required sprinkler is to be omitted from the INAPOD, a Performance Solution shall be required by a qualified fire engineer to meet the Performance Requirements.
2.	Smoke Detection System	<ul style="list-style-type: none"> ▶ If a smoke detection system is required in the building, it may be required within the INAPODs, depending on the relevant design Standard. ▶ As a guide, if the required detection is AS 1670.1 Section 5, detectors are required in every room and a detector will be required within the INAPOD to achieve compliance. ▶ Detector design shall be by the Fire Protection Designer. 	<ul style="list-style-type: none"> ▶ If a required smoke detector is to be omitted from the INAPOD, a Performance Solution shall be required by a qualified fire engineer to meet the Performance Requirements.
3.	Occupant Warning System or Emergency Warning and Intercommunication System (EWIS)	<ul style="list-style-type: none"> ▶ If the building requires an Occupant Warning System (or EWIS), minimum sound pressure levels and/or speech intelligibility is required to be achieved within the INAPOD. This may require a speaker within the INAPOD. ▶ An Occupant Warning System shall be installed accordance with E4.9 and Specification E2.2a in the BCA. Refer to Australian Standard AS 1670.1. for installation and design. ▶ An EWIS shall be installed accordance with E4.9 and Specification E2.2a in the BCA. Refer to Australian Standard AS 1670.4 for installation and design. 	<ul style="list-style-type: none"> ▶ If a required Occupant Warning System/EWIS performance is to be omitted from the INAPOD, a Performance Solution shall be required by a qualified fire engineer to meet the Performance Requirements.



#	Fire Safety Measures	Prescriptive Compliance with BCA DTS provisions	Performance Solution through Fire Engineering
4.	Visual Alarm	<ul style="list-style-type: none"> ▶ If compliant sound pressure levels cannot be achieved, a visual alarm device or EWIS speaker complying with AS 1670.4 of the Australian Standards may be required inside the pod to comply with AS 1670.4. 	<ul style="list-style-type: none"> ▶ If a required visual alarm is to be omitted in the INAPOD when sound pressure levels cannot be achieved, a Performance Solution shall be required by a qualified fire engineer to meet the Performance Requirements.
5.	Egress	<ul style="list-style-type: none"> ▶ INAPODs shall be installed in areas with BCA DTS complying travel distances to an exit (BCA D1.4). ▶ INAPODs shall be installed in areas that do not compromise the exit width or paths of travel to exits (BCA D1.6). ▶ Door hardware on the INAPODS complies with the BCA D2.19 and D2.20. 	<ul style="list-style-type: none"> ▶ If egress in regards to the INAPOD does not comply with DTS travel distances to an exit, a Performance Solution shall be required by a qualified fire engineer to meet the Performance Requirements.
6.	Materials	<ul style="list-style-type: none"> ▶ Where materials used in the design of the INAPOD are required to comply with BCA DTS Clause C1.10 and Specification C1.10, the available test reports and Certificates shall be forwarded to the relevant Certifier / Building Surveyor. ▶ Note that a range of certificates are included within Appendix A of this document. 	<ul style="list-style-type: none"> ▶ If materials used deviate from the BCA DTS provisions, then a Performance Solution shall be required by a qualified fire engineer to meet the Performance Requirements.

Table 3.1 – Key NCC BCA Considerations



NORMAN DISNEY & YOUNG

Frazer MacDonald | Regional Manager | Fire Engineering
F.MacDonald@ndy.com



Appendix A – Material Test Certificates



CERTIFICATE

Material Fire Test Certificate

IGNL-6200-05C I01 R00

DATE OF TEST 24.08.2022
ISSUE DATE 25.08.2022
EXPIRY DATE 24.08.2027

AS ISO 9239.1-2003 Determination of the burning behaviour using a radiant heat source

SPONSOR

Inapod Pty Ltd
34a Gray Street
Tranmere, SA 5073

TEST BODY

Ignis Labs Pty Ltd
ABN 36 620 256 617
3 Cooper Place
Queanbeyan NSW 2620
Australia
www.ignislabs.com.au
(02) 6111 2909
Test body is the test location



Specimen Identification

Inapod Acoustic Office Pods

Specimen Description

The specimens were received as times of black carpet material measuring approximately 500 by 500 mm from which Ignis Labs fabricated the test specimens. The carpet has a black woven surface layer embedded in a white core with a black rubberised backing. The carpet tiles were bonded to a 6 mm fibre cement substrate using Roberts 95 adhesive. The carpet has a measured nominal thickness of 6.19 mm, and the specimens had a total measured thickness of 12.96 mm.

Ignis Labs was not responsible for the sampling stage. All specimens were sampled by the test sponsor. The test results apply to the specimens as received.

Test Method

Four specimens were tested in accordance with Australia Standard AS 9239.1-2003 Reaction to fire tests for floorings, Part 1: Determination of the burning behaviour using a radiant heat source. Specimen 1 was tested along the production direction and specimens 2-4 were tested against the production direction. As requested by the test sponsor, the specimens were tested for 30 minutes only.

Observations

Comparing the critical heat flux values of specimens tested in two directions, the specimen against the production direction demonstrated a worse result and as such an additional two tests were completed in that direction. All specimens against the production direction exhibited equivalent performance. Sustained flaming of specimens was observed starting from 156, 261, 204, and 278 seconds for specimens 1 to 4 respectively. All specimens reached flameout within the 30-minute test duration, with the specimens extinguishing at 842, 947, 830, and 840 seconds for specimens 1-4 respectively. Charring and melting were observed on the carpet surface after testing.

Calculations

Parameters	Unit	Specimen			
		With Product Direction	Against Product Direction		
Specimen number		1	2	3	4
Test duration	min	30.00	30.00	30.00	30.00
Time to reach 50mm	s	273	320	276	350
Flameout time	min	-	-	-	-
Flame spread at 10 min	mm	220	290	280	250
Flame spread at 20 min	mm	230	300	280	260
Flame spread at 30 min	mm	230	300	280	260
Flame spread at flameout	mm	230	300	280	260
Maximum light attenuation	%	51.95	70.43	60.66	58.14
HF-10	kW/m ²	9.07	7.71	7.90	8.49
HF-20	kW/m ²	8.88	7.51	7.90	8.29
HF-30	kW/m ²	8.88	7.51	7.90	8.29
CHF	kW/m ²	-	-	-	-
Critical heat flux	kW/m ²	8.8	7.6	8.0	8.2
Smoke obscuration integration	%×min	229.79	310.69	184.02	145.35

Result

Parameters	Unit	Results
Average flame spread	mm	280
Average critical heat flux	kW/m ²	8.0
Average smoke obscuration integration	%×min	213.36

Test Supervisor

Darren Laker

Technical Lead

Jessica Ying

Version: IGNL-QF-031-Issue 03 Revision 01

Disclaimer These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use. The results of these fire tests may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

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CERTIFICATE

Material Fire Test Certificate

IGNL-6200-07C I01 R00

DATE OF TEST 22.08.2022
ISSUE DATE 25.08.2022
EXPIRY DATE 24.08.2027

AS/NZS 3837:1998 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter

SPONSOR

Inapod Pty Ltd
34a Gray Street
Tranmere, SA 5073

TEST BODY

Ignis Labs Pty Ltd
ABN 36 620 256 617
3 Cooper Place
Queanbeyan NSW 2620
Australia
www.ignislabs.com.au
(02) 6111 2909

Test body is the test location



Specimen Identification

Inapod Acoustic Office Pods

Specimen Description

The sponsor described the test specimens as acoustic office pods. No information as to the composition was provided.

The received specimens appear to be a plastic-based foam with felt top layer. They are mottled dark grey in colour and have a measured nominal thickness of approximately 9 mm and a measured nominal density of 0.25 g/cm³. The corners of the specimens are slightly rounded.

Ignis Labs was not responsible for the sampling stage. All specimens were sampled and fabricated by the test sponsor. The test results apply to the specimens as received.

Test Method

Three (3) specimens were tested in accordance with the requirements of AS/NZS 3837. Prior to the test, the specimens were conditioned at an ambient temperature of 23 ± 2 °C and a relative humidity 50 ± 5 %. The non-adhesive face of the specimen was tested. The test was performed with horizontal specimens with an incident radiation of 50 kW/m². The test was conducted with a wire mesh over the specimen face.

Observations

All specimens exhibited similar behaviour during the test. The felt top layer separated instantly from the foam prior to ignition and melted. The surface of the specimen began smoking and bubbling approximately seven seconds into the test and the specimens ignited between 19 and 48 seconds into the test. After ignition, the material expanded, with ignition continuing for approximately six minutes.

After the test, the specimens had lost the majority of their mass and were charred, with a surface layer of white ash.

Input

Test Heat Flux (kW/m ²)	50.0							Mean
Thickness (mm)	Sp 1	Sp 2	Sp 3	Sp 4	Sp 5	Sp 6	Mean	
Surface Area (m ²)	8.72	8.65	8.70	-	-	-	8.69	
Mass Before the Test (g)	0.00884	0.00884	0.00884	-	-	-	0.00884	
Mass After the Test (g)	22.10	21.50	22.60	-	-	-	22.07	
Time to Ignition (sec)	1.60	1.70	1.50	-	-	-	1.60	
Test Start Time (sec)	46	48	19	-	-	-	37.67	
	t _{start}	0	0	0	-	-	0	

Calculation

Density (kg/m ³)	ρ	253.26	249.38	261.12	-	-	-	254.58
Irradiance (kW/m ²)		50	50	50	-	-	-	50
Exhaust System Flow Rate (m ³ /sec)		0.024	0.024	0.024	-	-	-	0.024
Mass Loss (kg/m ²)		2.32	2.24	2.39	-	-	-	2.32
Average Rate of Mass Loss (g/m ² ·s)		5.34	4.61	4.89	-	-	-	4.95
Total Mass Pyrolyzed (%)		92.76	92.09	93.36	-	-	-	92.74
Time to 50kW/m ² (sec)	t ₅₀	47.86	47.10	16.90	-	-	-	37.29
Ignitability Index (1/min)	I _g	1.25	1.27	3.55	-	-	-	2.03
Test Duration (sec)		480	534	507	-	-	-	507.0

Peak Rate of Heat Release(0-60s)		243.40	348.18	366.46	-	-	-	319.35
Peak Rate of Heat Release(0-180s)		243.40	348.18	366.46	-	-	-	319.35
Peak Rate of Heat Release(0-300s)		243.40	348.18	366.46	-	-	-	319.35
Average Rate of Heat Release(0-60s)		193.47	284.82	246.19	-	-	-	241.49
Average Rate of Heat Release(0-180s)		166.71	163.16	170.70	-	-	-	166.86
Average Rate of Heat Release(0-300s)		109.89	111.62	116.93	-	-	-	112.81
Total Heat Released (MJ/m ²)		35.04	38.03	40.62	-	-	-	37.90
Average Effective Heat of Combustion (MJ/kg)	Δh _{c,eff(avg)}	15.05	16.96	17.00	-	-	-	16.34
Average specific Extinction Area (m ² /kg)	Σ _{f(avg)}	239.65	216.60	195.40	-	-	-	217.22

Test Supervisor

Darren Laker

Technical Lead

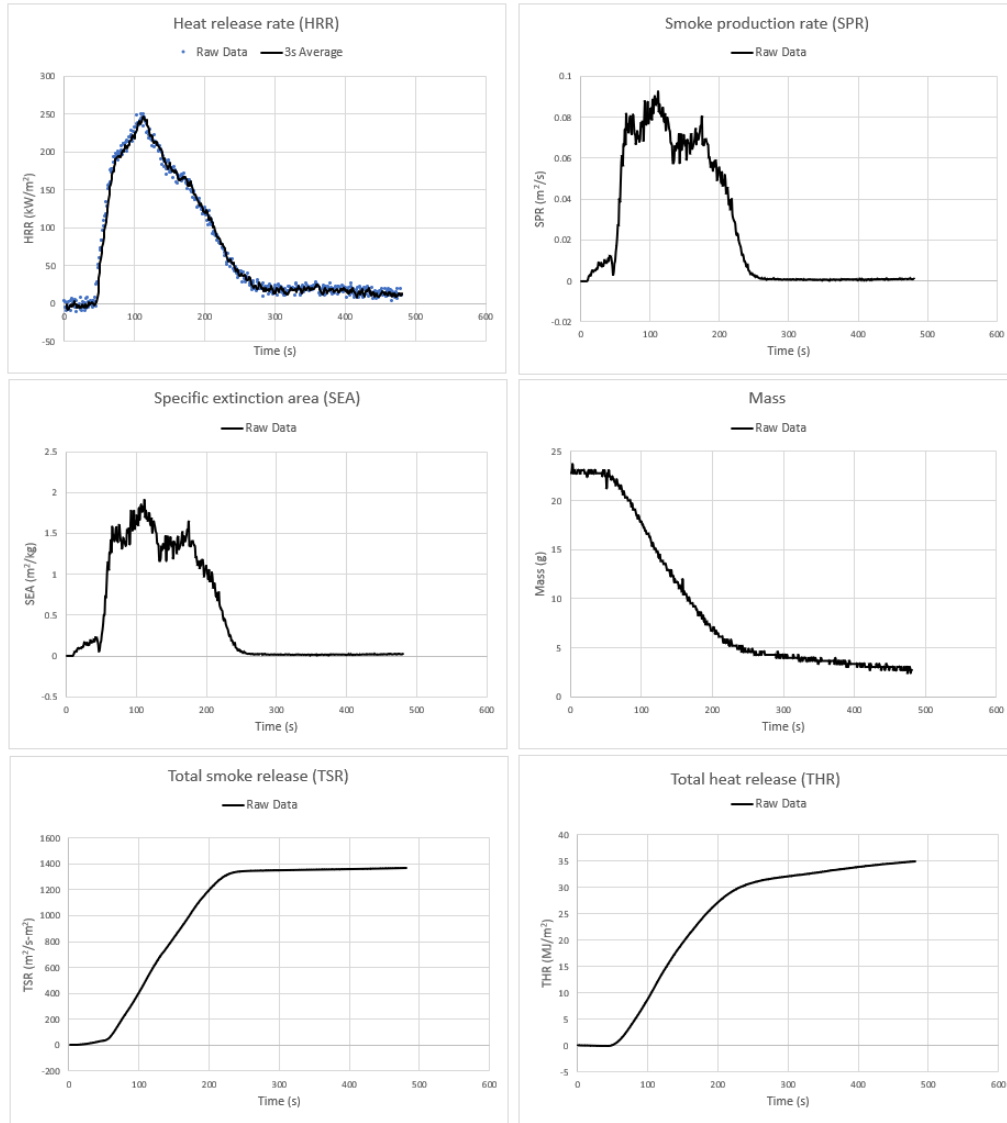
Jessica Ying

Version: IGNL-QF-050-Issue 03 Revision 00

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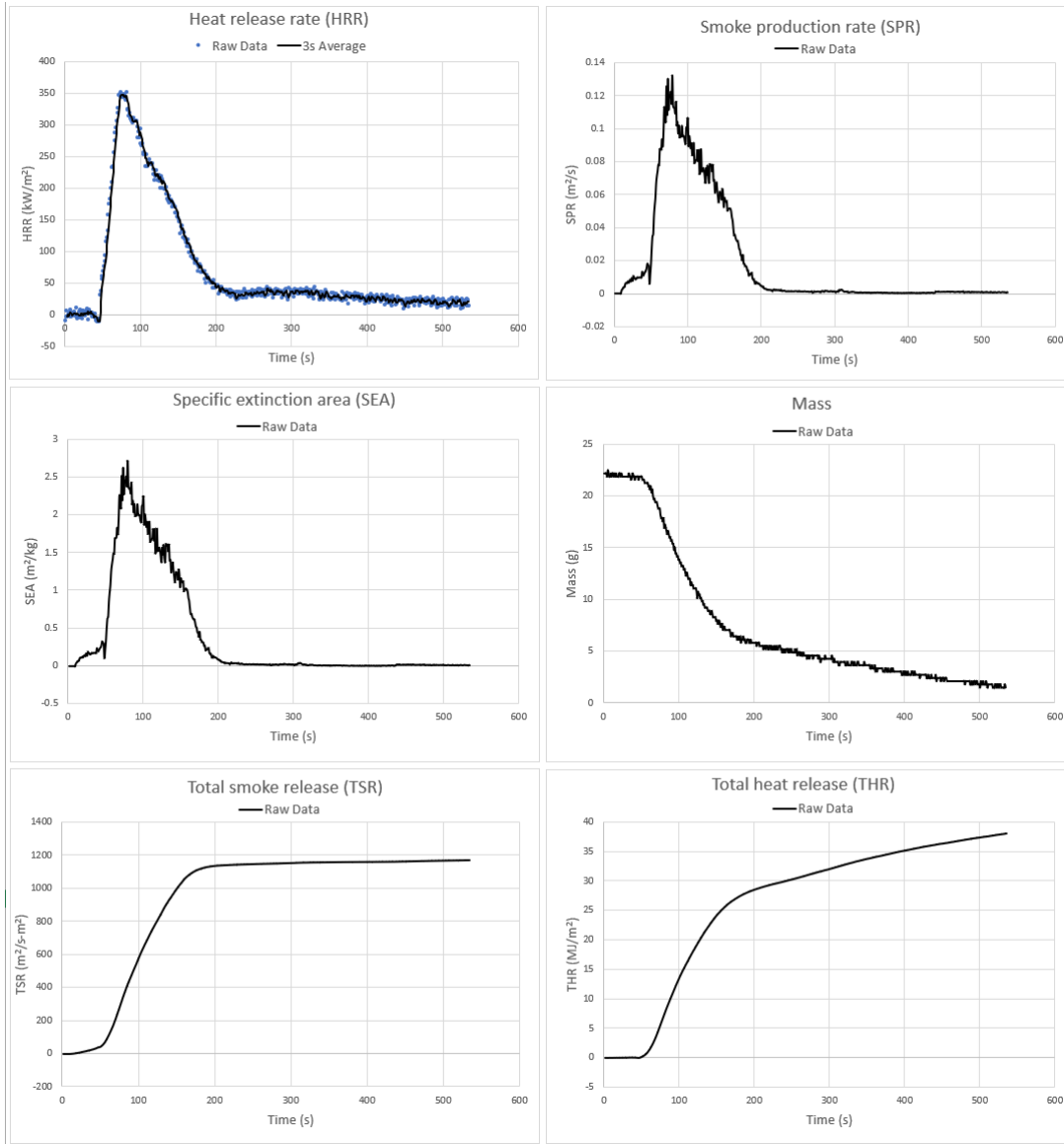
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SPECIMEN 1 GRAPHS



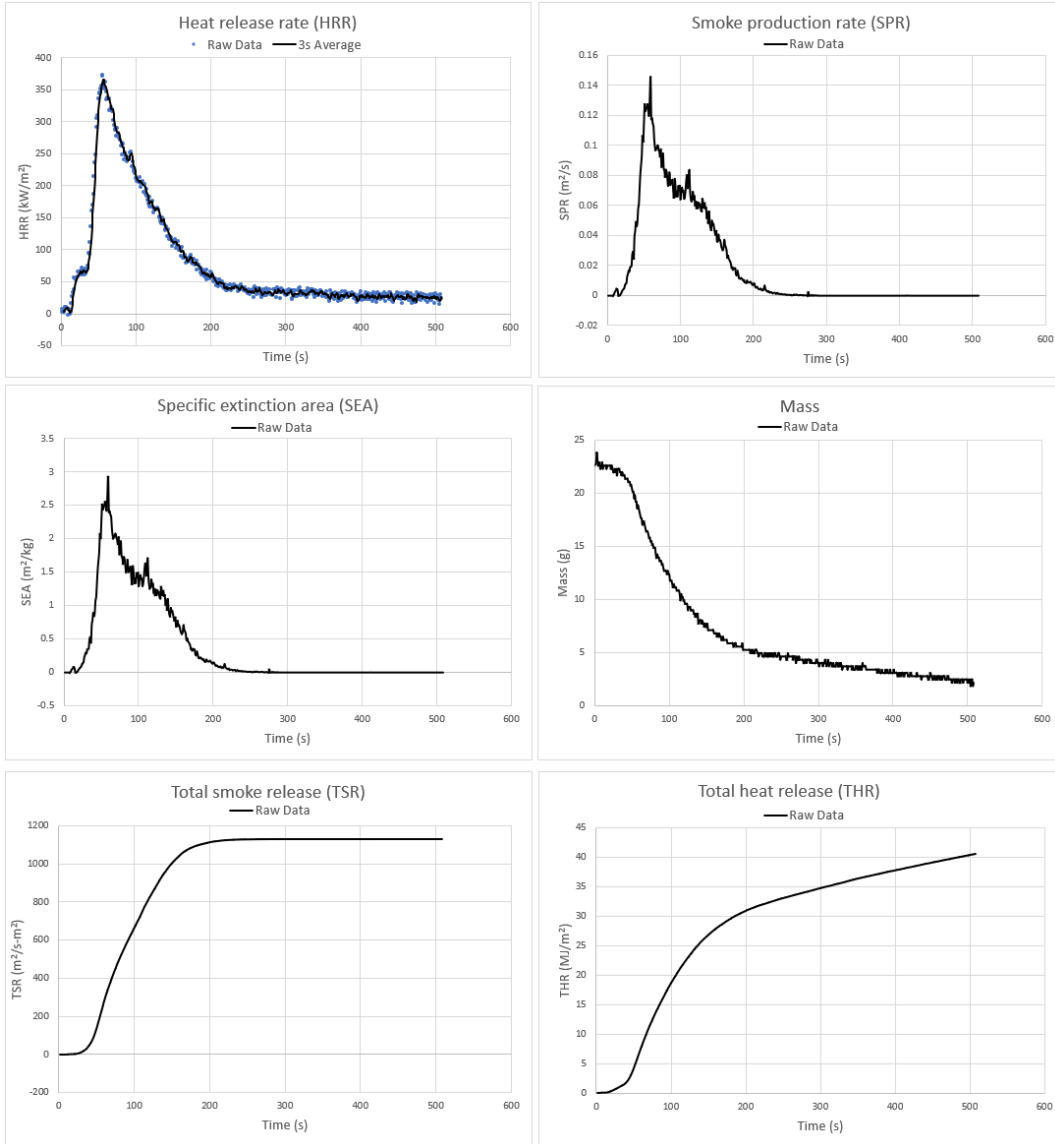
IGNL-6200-07C I01 R00

SPECIMEN 2 GRAPHS



IGNL-6200-07C I01 R00

SPECIMEN 3 GRAPHS



IGNL-6200-07C I01 R00

END OF TEST CERTIFICATE



CERTIFICATE

Material Fire Test Certificate

IGNL-6200-07C I01 R00

DATE OF TEST 22.08.2022
ISSUE DATE 25.08.2022
EXPIRY DATE 24.08.2027

Inapod Acoustic Office Pods

SPONSOR
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(02) 6111 2909
Test body is the test location

Introduction

Ignis Labs undertook a test of the Inapod Acoustic Office Pods. The testing was undertaken in accordance with AS/NZS 3837:1998. The group number was predicted in accordance with AS 5637.1:2015. This is a short form AS 5637.1:2015 report.

BCA requirements specify that the Group Number of a wall or ceiling lining shall be determined in accordance with AS 5637.1:2015. Clause 5.3.1 of AS 5637.1:2015 specifies that only materials for which there are correlations between AS/NZS 3837:1998 results and AS ISO 9705:2003 results shall be tested in accordance with AS/NZS 3837:1998 for the purpose of determining a Group Number. As such, Clause 5.3.3 of AS 5637.1:2015 specifies the suitable materials with permitted correlations, and it includes rigid non-thermoplastic foams.

Product Description

The sponsor described the test specimens as acoustic office pods. No information as to the composition was provided. The received specimens appear to be a plastic-based foam with felt top layer. They are mottled dark grey in colour and have a measured nominal thickness of approximately 9 mm and a measured nominal density of 0.25 g/cm³. The corners of the specimens are slightly rounded.

Ignis Labs was not responsible for the sampling stage. All specimens were sampled and fabricated by the test sponsor. The test results apply to the specimens as received.

AS 5637.1 Group Number: 3 | ASEA 217.22 m²/kg

Specimen

The test specimen has characteristics are listed below

Average specimen thickness:	8.69 mm
Specimen colour:	Dark grey

Test Method

AS/NZS 3837 | Three (3) specimens of 3M IJ280 were tested in accordance with the requirements of AS/NZS 3837. Prior to the test, the specimens were conditioned at an ambient temperature of 23 ± 2 °C and a relative humidity 50 ± 5 %. The test was performed with horizontal specimens with an incident radiation of 50 kW/m². The test was conducted with a wire mesh over the specimen face.

Reference Documents

This certificate is based on the following documents:

- Ignis Labs Test Certificate IGNL-6200-07C I01R00 dated 25 August 2022.

Notes

- The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.
- As per Section 9 (n) of AS 5637.1:2015, the determination of the group number was based on the AS/NZS 3837:1998 test.
- Clause A5.2(1)(e) of the BCA allows for evidence of suitability in relation to a report from a professional engineer that certifiers that a material, product, form or construction or design fulfils specific requirements of the BCA, sets out the basis on which it is given and the extent to which relevant standards, specifications, rules, codes of practice or other publications have been relied upon to demonstrate it fulfils specific requirements of the BCA.
- This report is provided in accordance with BCA Clause A5.2(1)(e) as a report from a professional engineer. In accordance with BCA Clause A2.2(1)(b) it is demonstrated that the material and testing demonstrate compliance with the requirements of the BCA in accordance with AS 5637.1:2015 in determining the group number.



Benjamin Hughes-Brown | FIEAust CPEng NER APEC Engineer IntPE(Aus)

Chartered Professional Engineer

CPEng, NER (Fire Safety / Mech) 2590091, RPEQ11498, BDC-1875, PRE000303, DEPO00317, PE0001872
MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)

Version: IGNL-QF-031-Issue 03 Revision 01

Disclaimer These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use. The information contained in this document is provided for the sole use of the recipient and no reliance should be placed on the information by any other person. In the event that the information is disclosed or furnished to any other person, Ignis Labs Pty Ltd accepts no liability for any loss or damage incurred by that person whatsoever as a result of using the information.

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Appendix B – INAPOD Catalogue

— OFFICE POD SERIES —



INAPOD

CREATE AN IDEAL WORKING
ENVIRONMENT IN ANY SPACE
WITH THE POD

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PEACE AND QUIET IN AN INSTANT

When you need to work with maximum focus and minimal distraction, just get into a POD.

It's a compact workspace with huge benefits. Each POD is highly ergonomic and functional, packed with all the technological goodness you need to stay connected to, or away from, the outside world—anytime.

Ideal for uninterrupted work, holding discussions, making important calls, and running teleconferences.





Designed To Fit

The INAPOD was born to address two core issues relating to open-plan environments

Privacy

Keep your business YOUR business

Get physical and acoustic privacy away from the chaos of your busy workplace. Whether it's securing that business deal or taking a personal call.

More Room

One Pod, many uses

While open-plan work environments are great for culture and collaboration, sometimes you just need room away from distractions.



THE ADVANTAGES



HIGH ACOUSTIC RATING

Beautifully designed and using carefully selected materials with best absorption and isolation performance.
TUV - 32 DB / NIC



EASY TO ASSEMBLE

Flat packed & can be up and running in 1.5 hours



HIGHEST QUALITY

Sophisticated automation machinery ensures consistency of quality, while robust construction using galvanised materials creates the finest quality.



RETRACTABLE & PORTABLE

It is designed to be easily dismantled, moved, and reinstalled. Integrated ball bearing to roll around allows ease of mobility in any space.



ENERGY EFFICIENT

Sensor-based on-off switch with external light in-use function and ventilation fan. To ensure the electricity consumption is as low as possible.



COMFORTABLE AND BREATHABLE

Work comfortably in a well-ventilated space with great acoustic properties.

— PRODUCT DETAILS

SERENITY

IN STYLE

The POD showcases sleek curves and contemporary arches that bring modern sophistication to any work space. It is designed to fit seamlessly yet add an air of calm and serenity to even the busiest of work environments. Minimalist design complement elegant furnishings to create the ultimate work space that is

ergonomic, convenient, and conducive. Effective air-circulation and comfortable seating allows for uninterrupted work experience. Meanwhile, its screens provide excellent attenuation for a perfectly silent and isolated work environment.

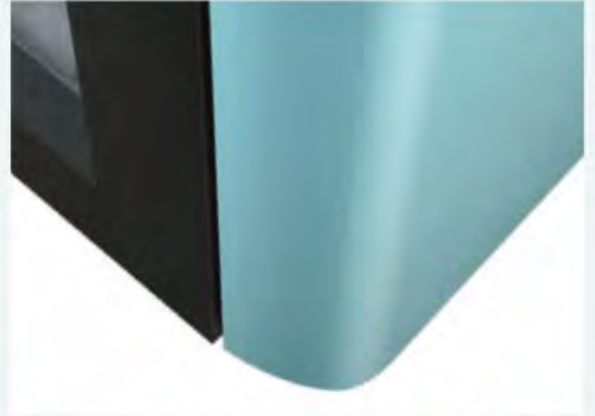
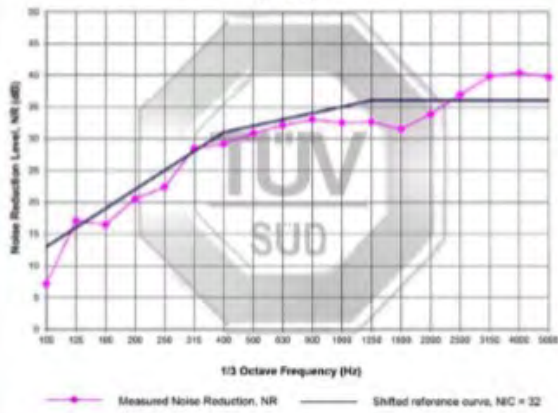
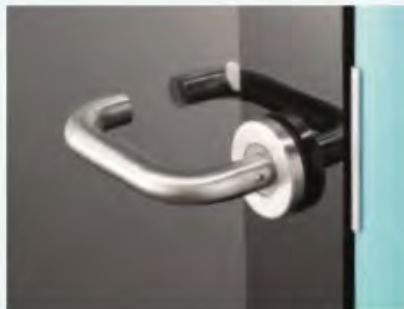


Figure 1 : Noise Isolation Performance of Phone Booth
(NIC 32)



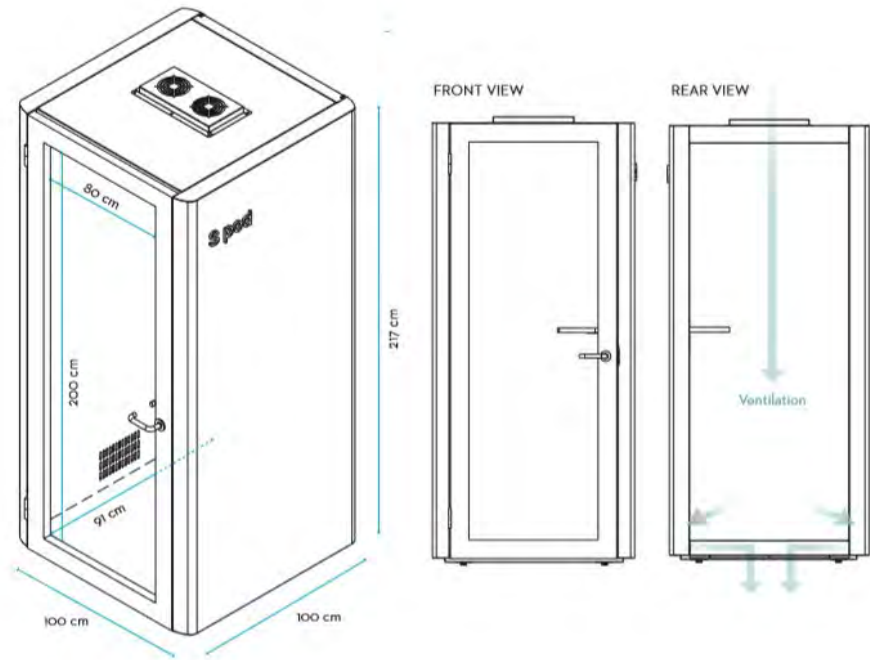
ACOUSTICS TESTING
CERTIFIED BY
TUV SINGAPORE



S POD

SINGLE PERSON POD - Includes the Laminated Shelf





S POD - SINGLE PERSON OFFICE POD is designed to fit 1 person.

The S POD is a single person private space suitable for uninterrupted work and making important calls.

S POD is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity.

Power and connectivity are seamless, with continuous power supply for your gadgets and direct connection to your office network.

Materials used:

- Structural Strength Wall Detail: Electro galvanised 1.2mm thick steel - All metal construction.
- 10mm Double Laminated Glass Door and rear Wall
- Power & USB Charging Ports
- Lighting: 18w 12Vdc Recessed LED Strip.
- High Acoustic Rating - Beautifully designed and using carefully selected materials with the best absorption and isolation performance. TUV-32dB/NIC.
- Fabric Material: Polyester Fiber Acoustic Material.
- Fire Rating: Acoustic Board, Carpet and Polyester Foam Fire Rated.
- Full Specification on Page 26

DIMENSIONS

S POD - Includes Laminated Shelf

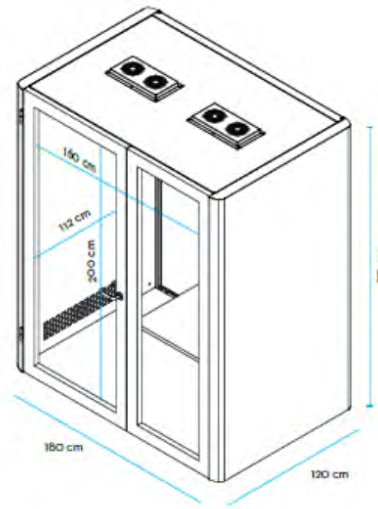
Freight dimensions	2280 x 1140 x 670h
Cubic	1.74m ³
Packing Weight	430kg
Net Weight	350kg
Internal dimensions	800 x 910 x 2000h
External dimensions	1000 x 1000 x 2170h
Area	1.9m ³

INAPOD

W POD

WORK POD 1 PERSON - Includes the Laminated Table





W POD - 1 PERSON OFFICE POD is designed to fit 1 person.

W POD - Calm and connected.

When you need to work in absolute focus and privacy, the W POD is perfect. It comes with a laminated worktop/desk and is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity.

W POD seats 1 person comfortably, and is soundproofed for absolute quiet, making it also perfect for phone and video calls. With its glass walls all around to allow daylight into the booth, it creates a great and cosy working environment.

W POD is perfect for big discussions and meetings for groups of up to 10 people, the W POD is a large space designed for maximum capacity, connectivity and efficiency. W POD is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity.

DIMENSIONS

W POD - Includes Laminated Table

Freight dimensions	2280 x 850 x 1420h
Cubic	6.8m ³
Packing Weight	540kg
Net Weight	430kg
Internal dimensions	1600 x 1120 x 2000h
External dimensions	1800 x 1200 x 2170h
Area	4.7m ³

INAPOD

- Full Specification on Page 28

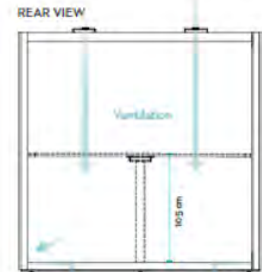
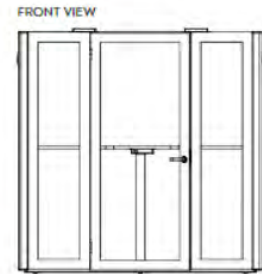
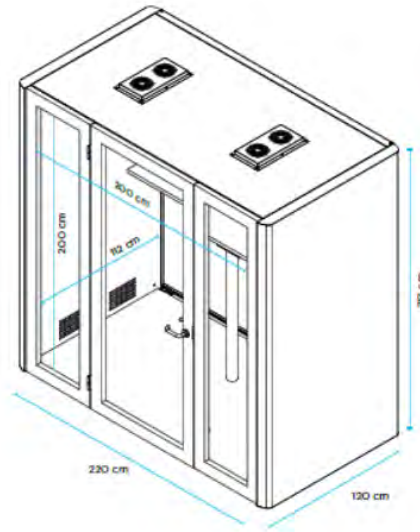
C POD

CHAT POD 2/3 PERSON - Includes the Laminated Table





- 1 Laminated Glass & Dorma Locksets
- 2 Working Table & Chairs
- 3 AH Meyer Power & USB Charging
- 4 LED Strip Light
- 5 Ventilation Access
- 6 Motion Sensor
- 7 Wireless Dimmer



C POD - 1/3 PERSON OFFICE POD is designed to fit 1/3 people.

C POD - Distraction-free Discussions

The C POD is a great functional working space designed to seat up to 2 people comfortably or 3 people for a group discussion. It is ideal for co-working tasks like small discussions, interviews, brainstorming, phone calls and video conferences: all this with minimal distractions.

The C POD comes with a laminated worktop/desk and is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity. With its glass walls all around to allow daylight into the booth, it creates a great and cosy working environment.

The C POD is a space designed for maximum capacity, connectivity and efficiency. C POD is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity.

DIMENSIONS

C POD - Includes Laminated Table

Freight dimensions	2280 x 1000 x 1420h
Cubic	3.3m ³
Packing Weight	800kg
Net Weight	650kg
Internal dimensions	2000 x 1120 x 2000h
External dimensions	2200 x 1200 x 2170h
Area	2.64m ³

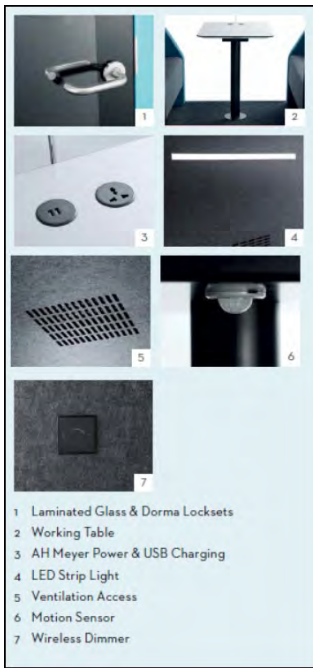
INAPOD

- Full Specification on Page 29

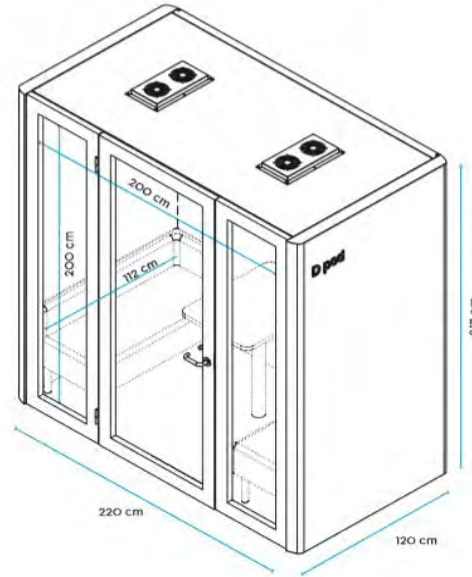
D POD

2/4 PERSON POD - Includes the Laminated Table and Sofas





- 1 Laminated Glass & Dorma Locksets
- 2 Working Table
- 3 AH Meyer Power & USB Charging
- 4 LED Strip Light
- 5 Ventilation Access
- 6 Motion Sensor
- 7 Wireless Dimmer



D POD - 2/4 PERSON OFFICE POD is designed to fit 2/4 people.

When you need to work with maximum focus and minimal distraction, just get into a D POD.

D POD is perfect for holding meetings, brainstorming sessions, one-on-one conversations, as well as a place to rest and rejuvenate away from the disturbance of an open space.

D POD is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity.

Power and connectivity are seamless, with continuous power supply for your gadgets and direct connection to your office network.

Materials used:

- Lighting: 18w 12Vdc Recessed LED Strip.
- High Acoustic Rating - Beautifully designed and using carefully selected materials with the best absorption and isolation performance. TUV-32dB/NIC.
- Structural Strength Wall Detail: Electro galvanised 1.2mm thick steel - All metal construction.
- Fabric Material: Polyester Fiber Acoustic Material.
- Fire Rating: Acoustic Board, Carpet and Polyester Foam Fire Rated
- Full Specification on Page 27

DIMENSIONS

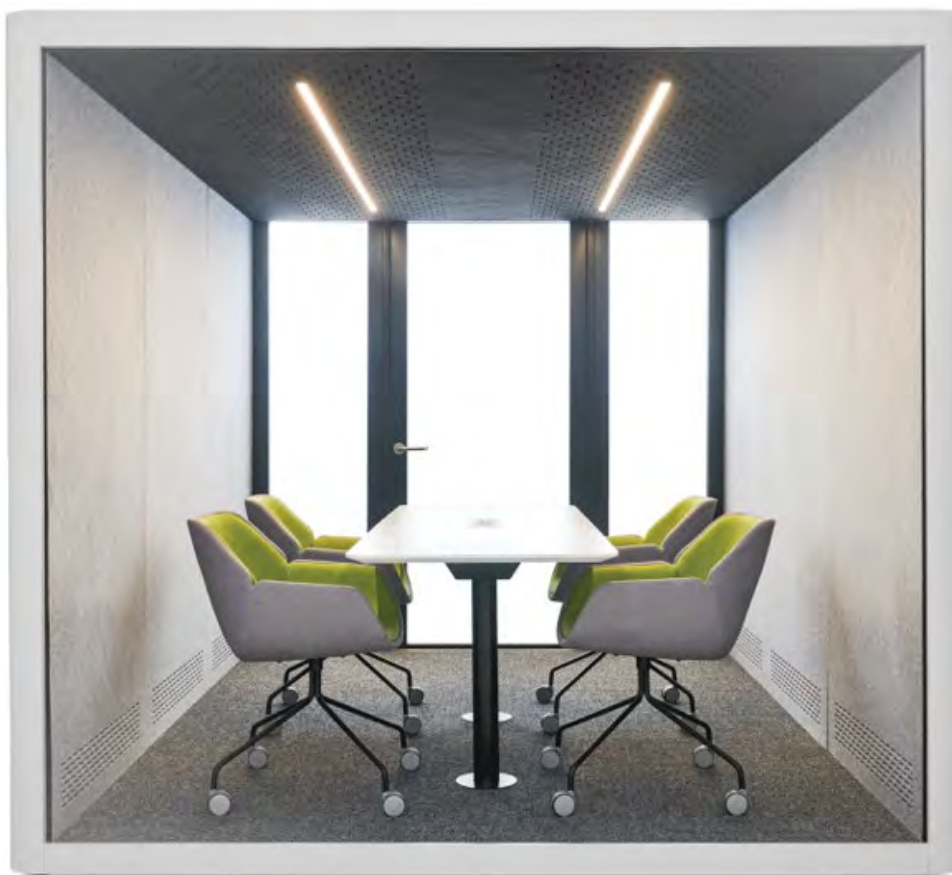
D POD - includes Sofas & Table

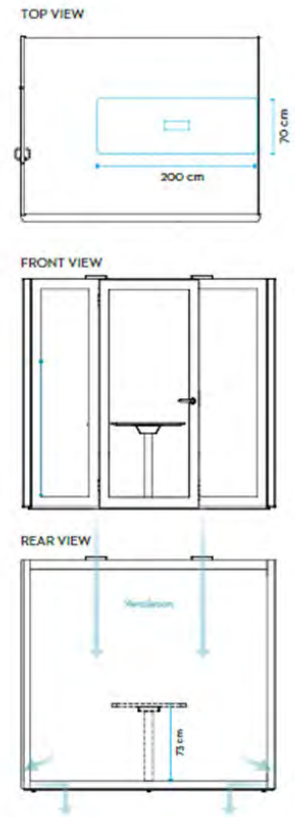
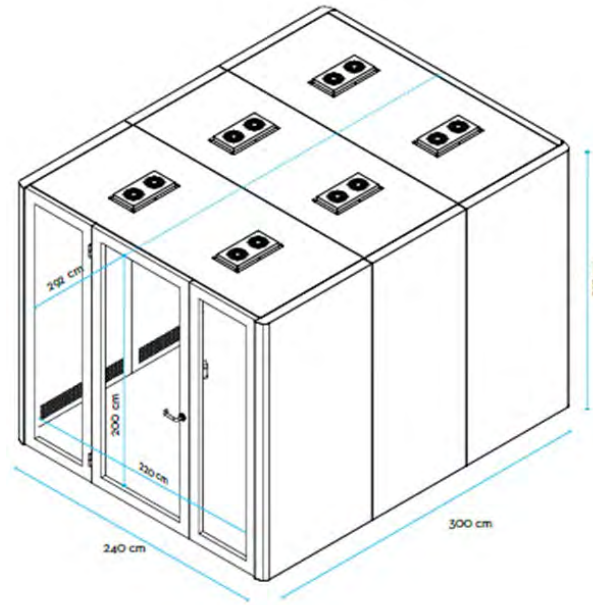
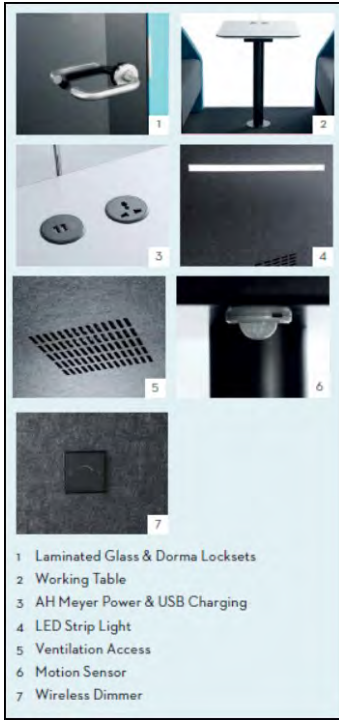
Freight dimensions	2280 x 1000 x 1420h
Cubic	3.24m ³
Packing Weight	630kg
Net Weight	500kg
Internal dimensions	2000 x 1120 x 2000h
External dimensions	2200 x 1200 x 2000h
Area	2.24m ³

INAPOD

M POD

MEETING POD 6/10 PERSON - Includes the Laminated Table





M POD - 6/10 PERSON OFFICE POD is designed to fit 6/10 people.

M POD is maximised for meetings.

M POD is perfect for big discussions and meetings for groups of up to 10 people, the M POD is a large space designed for maximum capacity, connectivity and efficiency.

All the while keeping its outside surroundings quiet and undistracted. Its even spacious enough to be furnished with sofas, tables, chairs, white boards, screens and even plants for a comfortable working environment.

M POD is a comfortable and well ventilated space with great acoustic properties, resulting in increased employee efficiency and productivity.

Power and connectivity are seamless, with continuous power supply for your gadgets and direct connection to your office network.

DIMENSIONS

M POD - Includes Laminated Table

Freight dimensions	2 @ 2380 x 1100 x 1300h
Cubic	6.8m ³
Packing Weight	1530kg
Net Weight	1300kg
Internal dimensions	2200 x 2920 x 2000
External dimensions	2400 x 3000 x 2170
Area	6.8m ³

INAPOD

- Full Specification on Page 27

DESIGNED TO FIT

The acoustic POD was born to address two core issues relating to open plan environments: firstly, the need for physical and acoustic privacy, and secondly, the need for internal rooms.

DESIGNED TO FIT

Made to be portable and flexible in various sizes, the POD is ideal for a range of different uses.

OPEN-PLAN OFFICE

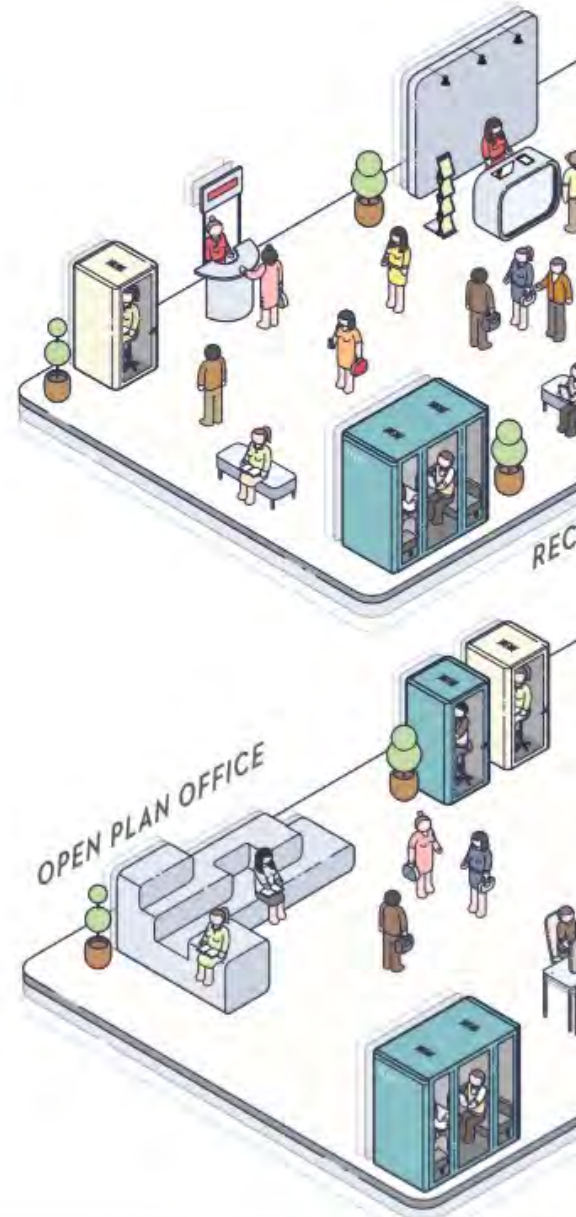
These offices face the problem of excessive, distracting noise caused by loud conversations, keyboard typing, telephone rings, loud footsteps, operating office equipment and more. An isolated space is essential for discussions, calls, and small meetings.

RECEPTION HALL

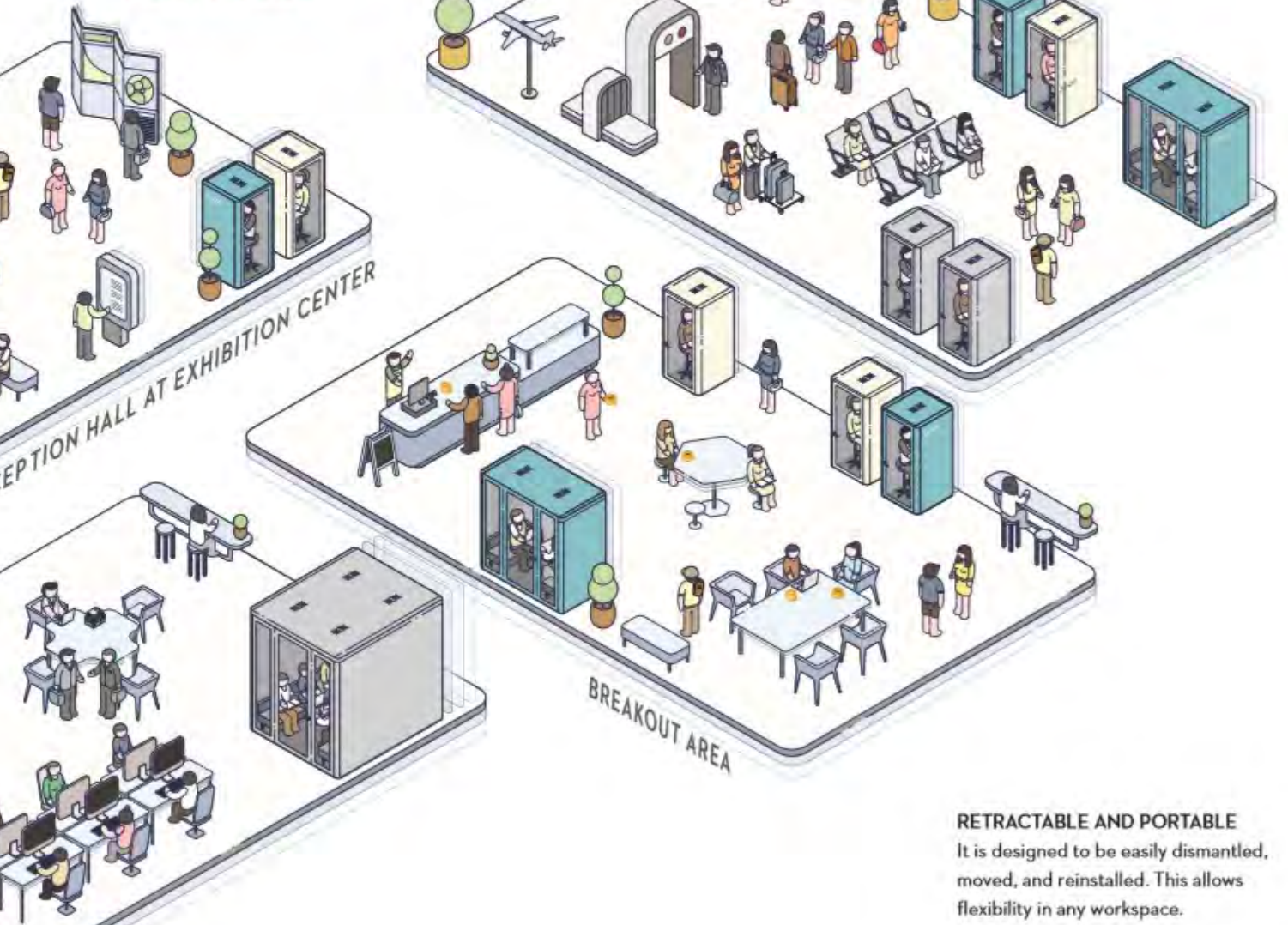
A reception hall is usually filled with people walking in and out. This high traffic and layout create an environment that traps noise, making it an unwelcoming experience. The POD is crucial in providing comfort and privacy for both visitors and employees.

BREAK-OUT AREA & CAFETERIA

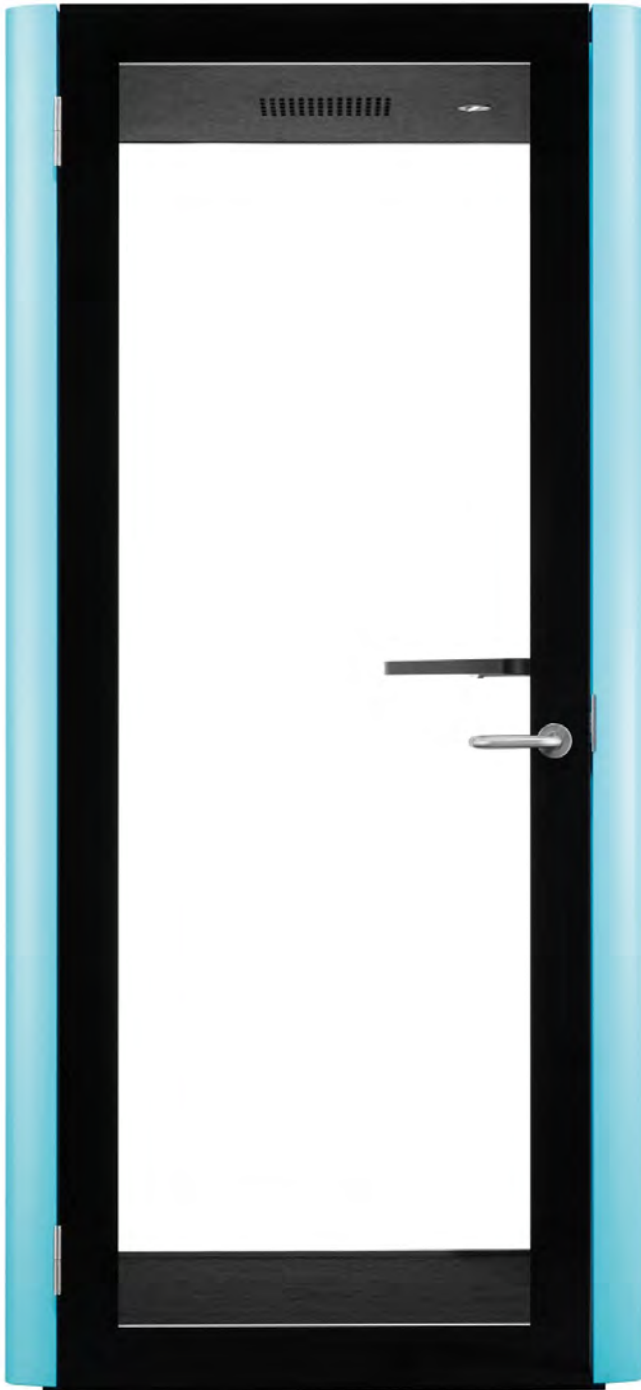
The company break-out areas and canteen are prone to noise and reverberation. Under these circumstances, the POD is a perfect space for a much needed moment of rest and rejuvenation.



ONE POD, MANY USES



RETRACTABLE AND PORTABLE
It is designed to be easily dismantled, moved, and reinstalled. This allows flexibility in any workspace.



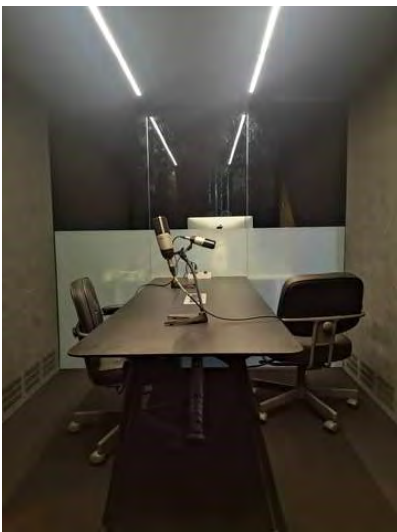
Applications

INPOD is designed to accommodate you...

For use in (but not limited to) the following installations:

- Banking
- Open Plan Office/Workplace
- Co-Working Spaces
- Architects, & Interior Designers
- Recording studios
- Restaurants
- Home use
- Mining
- University
- Federal, State & Local Government
- Commercial
- Café's and restaurants
- Hotels and accommodation,
- Solicitors
- Courtrooms
- Finance and Insurance
- Arts and entertainment
- Business services & Marketing
- Education & Training
- Finance & Insurance
- Manufacturing & Industrial
- Organisations Public & Private
- Professional Services
- Property & Construction
- Security installations
- Top secret Spy Agencies
- Hospitals and nursing homes
- Department stores
- Defence Agencies
- Churches

Podcasting
Webinar
Recording
Broadcasting
Voice Over



INPOD is designed to accommodate your needs ...

The INAPOD range of PODS are perfect for a variety of applications, both commercial and residential.

The unique modular design and a variety of sizes provide you with maximum flexibility.

So no matter what your use might be, we have a model to suit...

INAPOD

Features

ALL METAL CONSTRUCTION - Exterior shell and frame are made from strong metal construction.

HIGH ACOUSTIC RATING - Beautifully designed using carefully selected materials with the best absorption and isolation performance. TUV-32dB/NIC

LED LIGHTING - These automatic LED lights allow for ample internal lighting

POWER & USB CHARGING OUTLETS - Continuous power supply for your gadgets and direct connection to your office network with internal outlets.

FIRE, FLAMMABILITY AND SMOKE RATING—The INAPOD has been extensively tested to all the relevant STANDARDS.

10mm DOUBLE LAMINATED GLASS - The 10mm laminated glass provide excellent attenuation for a perfectly silent and isolated work environment, yet still provides inclusivity via transparent glass.

GRADE 1 LOCKSETS used in the door construction.

LAMINATED WORKTOP OR WORKING TABLE - On the S POD there is a laminated worktop big enough for your laptop, and in the D POD there is a large working table in the center of the POD.



Features continued

POWER TO WALL SOCKET - Standard 240V wall plug/socket connection.

VENTILATION - 2 or 4 ventilation fans ensuring you're able to work in a well ventilated space with great acoustic properties - Effective air circulation and comfortable seating allows for an uninterrupted work experience. 2 Fan speeds ensuring plenty of ventilation or quiet running.

COMFORTABLE & BREATHEABLE - Work comfortably in a well ventilated space with great acoustic properties.

MOTION SENSOR - The motion sensor detects movement and turns on the fans and lights automatically making the unit extremely energy efficient.

RETRACTABLE & PORTABLE - It is designed to be easily dismantled, moved and re-installed. Integrated bearings allows for ease of movement when required.

CAT6 OUTLET - The CAT6 outlet has been added for increased internet speed should it be required.

WIRELESS DIMMER - Light dimmer system allowing for lowering the light intensity for teleconference calls and presentations. WiFi connection to the receiver.



INAPOD

Acoustics

HIGH ACOUSTIC RATING - Beautifully designed and using carefully selected materials with the best absorption and isolation performance. TUV-32dB/NIC

Independently tested by TUV SUD Group, the INAPOD range of Office/Acoustic Booths feature all metal construction and sound proofing walls with 10mm dual laminated glass walls and doors.

All joints are sealed using rubber sound absorbing extrusions to seal as much noise as possible for the user inside the Pod.

Polyester Fibre Acoustic Board is used inside the unit with Fibre Nylon Carpet on the floors.





Standards/Testing

INAPOD TEST REPORTS

- INAPOD- Building Rules Assessment- No BRC required if installed internally inside a building.
- Universal Socket Outlet Test report No. 7191140108-EEC16/ PK5.
- Flammability of the Polyester Fiber Acoustic Panel- BS 476 Part 7:1997+Amd.No.C1:2014 Fire Tests on Building Materials & Structures Part 7
- ASTM E662 Smoke Density (Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials also referenced as NFPA 258
- Flame Retardancy Test for Flexible Polyurethane Foam and Fire Retardant Foam
- Sound Testing: ASTM E596-96 (Reapproved 2009) "Standard Test Method for Laboratory Measurement of Noise Reduction of Sound-isolating Enclosures.
- Sound Testing: ASTM E413-04 "Classification of Rating Sound Insulation.



Specifications

Finishes

Colours



White



Black



Turquoise



Silver

	S POD
CHASSIS/BODY COLOUR SELECTION -	White, Black, Turquoise, Silver
EXTERIOR FINISH -	Epoxy powder coated electro galvanized 1.2mm thick steel sheet are available in 4 colours
INTERIOR COLOUR -	Polyester Fibre covered acoustic board in dark grey. Carpet is made from nylon and is in black.
EXTERNAL FINISH -	Epoxy Powder Coating
INTERNAL FINISH -	Polyester Fibre Acoustic Board
FLOOR FINISH -	Fibre Nylon Carpet - Black
GLASS DOOR -	Aluminium Frame with 10mm Laminated Glass
REAR GLASS -	10mm Laminated Glass
TABLE -	Melamine Chipboard with Black Edging (890 x 300 x 25)
POWER SOCKET -	1 x AH Myer Universal Socket (110/240Vac)
USB CHARGER -	1 No Twin x AH Meyer (110/240Vac)
DATA -	1NoS x Cat6
VENTILATION FAN -	2 x 120mm Dual Speed Bearing Ventilation Fan (12Vdc)
AIRFLOW -	1.5m ³ /min
MOTION SENSOR -	3 Customise Setting (15SEC, 45SEC & 5MIN) - (110/240Vac)
LIGHTING -	1NO x 11W Recessed Led Strip Light 4000K C/W Wireless Dimmer System
BEARING CASTOR -	4
FOOT CAP -	4
POWER CORD FROM BOOTH -	3 Metre (Right Hand Side)
FURNITURE -	Shelf
FREIGHT DIMENSIONS	2280 x 1140 x 670h
FREIGHT CUBIC	1.74m ³
PACKING WEIGHT	430kg
NET WEIGHT	350kg
POD INTERNAL DIMENSIONS	800 x 910 x 2000
POD EXTERNAL DIMENSIONS	1000 x 1000 x 2170

W POD**C POD**

CHASSIS/BODY COLOUR SELECTION -	White, Black, Turquoise, Silver	White, Black, Turquoise, Silver
EXTERIOR FINISH -	Epoxy powder coated electro galvanized 1.2mm thick steel sheet are available in 4 colours	Epoxy powder coated electro galvanized 1.2mm thick steel sheet are available in 4 colours
INTERIOR COLOUR -	Polyester Fibre covered acoustic board in dark grey. Carpet is made from nylon and is in black.	Polyester Fibre covered acoustic board in dark grey. Carpet is made from nylon and is in black.
EXTERNAL FINISH -	Epoxy Powder Coating	Epoxy Powder Coating
INTERNAL FINISH -	Polyester Fibre Acoustic Board	Polyester Fibre Acoustic Board
FLOOR FINISH -	Fibre Nylon Carpet - Black	Fibre Nylon Carpet - Black
GLASS DOOR -	Aluminium Frame with 10mm Laminated Glass	Aluminium Frame with 10mm Laminated Glass
REAR GLASS -	10mm Laminated Glass	10mm Laminated Glass
TABLE -	Melamine Chipboard with White Chamfered Edging (1090 x 700 x 25)	Melamine Chipboard with Black Chamfered Edging (2000 x 550 x 25)
POWER SOCKET -	2 x AH Myer Universal Socket (110/240Vac)	1 x AH Myer Universal Socket (110/240Vac)
USB CHARGER -	1 No Twin x AH Meyer (110/240Vac)	1 No Twin x AH Meyer (110/240Vac)
DATA -	1NoS x Cat6	1NoS x Cat6
VENTILATION FAN -	4 x 120mm Dual Speed Bearing Ventilation Fan (12Vdc)	4 x 120mm Dual Speed Bearing Ventilation Fan (12Vdc)
AIRFLOW -	3.2m3/min	3.2m3/min
MOTION SENSOR -	3 Customise Setting (15SEC, 45SEC & 5MIN) - (110/240Vac)	3 Customise Setting (15SEC, 45SEC & 5MIN) -(110/240Vac)
LIGHTING -	2NO x 11W Recessed Led Strip Light 4000K C/W Wireless Dimmer System	1NO x 11W Recessed Led Strip Light 4000K C/W Wireless Dimmer System
BEARING CASTOR -	6	6
FOOT CAP -	8	8
POWER CORD FROM BOOTH -	3 Metre (Right Hand Side)	3 Metre (Right Hand Side)
FURNITURE -	Laminated Table	Laminated Table
FREIGHT DIMENSIONS	2280 x 850 x 1420h	2280 x 1000 x 1420h
FREIGHT CUBIC	2.75m3	3.24m3
PACKING WEIGHT	540kg	800kg
NET WEIGHT	430kg	650kg
POD INTERNAL DIMENSIONS	1600 x 1120 x 2000	2000 x 1120 x 2000
POD EXTERNAL DIMENSIONS	1800 x 1200 x 2000	2200 x 1200 x 2170

Specifications

Finishes

Colours



White



Black



Turquoise



Silver

	D POD
CHASSIS/BODY COLOUR SELECTION -	White, Black, Turquoise, Silver
EXTERIOR FINISH -	Epoxy powder coated electro galvanized 1.2mm thick steel sheet are available in 4 colours
INTERIOR COLOUR -	Polyester Fibre covered acoustic board in dark grey. Carpet is made from nylon and is in black.
EXTERNAL FINISH -	Epoxy Powder Coating
INTERNAL FINISH -	Polyester Fibre Acoustic Board
FLOOR FINISH -	Fibre Nylon Carpet - Black
GLASS DOOR -	Aluminium Frame with 10mm Laminated Glass
REAR GLASS -	10mm Laminated Glass
TABLE -	Melamine Chipboard with Black Chamfered Edging (700 x 550 x 25)
POWER SOCKET -	1 x AH Myer Universal Socket (110/240Vac)
USB CHARGER -	1 No Twin x AH Meyer (110/240Vac)
DATA -	1NoS x Cat6
VENTILATION FAN -	4 x 120mm Dual Speed Bearing Ventilation Fan (12Vdc)
AIRFLOW -	3.2m ³ /min
MOTION SENSOR -	3 Customise Setting (15SEC, 45SEC & 5MIN) - (110/240Vac)
LIGHTING -	1NO x 11W Recessed Led Strip Light 4000K C/W Wireless Dimmer System
BEARING CASTOR -	6
FOOT CAP -	8
POWER CORD FROM BOOTH -	3 Metre (Right Hand Side)
FURNITURE -	Sofa & Laminated Table
FREIGHT DIMENSIONS	2280 x 1000 x 1420h
FREIGHT CUBIC	3.24m ³
PACKING WEIGHT	630kg
NET WEIGHT	500kg
POD INTERNAL DIMENSIONS	2000 x 1120 x 2000
POD EXTERNAL DIMENSIONS	2200 x 1200 x 2000

M POD

CHASSIS/BODY COLOUR SELECTION -	White, Black, Turquoise, Silver
EXTERIOR FINISH -	Epoxy powder coated electro galvanized 1.2mm thick steel sheet are available in 4 colours
INTERIOR COLOUR -	Polyester Fibre covered acoustic board in dark grey. Carpet is made from nylon and is in black.
EXTERNAL FINISH -	Epoxy Powder Coating
INTERNAL FINISH -	Polyester Fibre Acoustic Board
FLOOR FINISH -	Fibre Nylon Carpet - Black
GLASS DOOR -	Aluminium Frame with 10mm Laminated Glass
REAR GLASS -	10mm Laminated Glass
TABLE -	Melamine Chipboard with Black Chamfered Edging (2000 x 700 x 25)
POWER SOCKET -	2 x AH Myer Universal Socket (110/240Vac)
USB CHARGER -	1 No Twin x AH Meyer (110/240Vac)
DATA -	2NoS x Cat6
VENTILATION FAN -	12 x 120mm Dual Speed Bearing Ventilation Fan (12Vdc)
AIRFLOW -	9.6m ³ /min
MOTION SENSOR -	3 Customise Setting (15SEC, 45SEC & 5MIN) - (110/240Vac)
LIGHTING -	2NO x 11W Recessed Led Strip Light 4000K C/W Wire-less Dimmer System
BEARING CASTOR -	NIL
FOOT CAP -	24
POWER CORD FROM BOOTH -	3 Metre (Right Hand Side)
FURNITURE -	Laminated Table
FREIGHT DIMENSIONS	2 @ 2380 x 1100 x 1300h
FREIGHT CUBIC	6.8m ³
PACKING WEIGHT	1530kg
NET WEIGHT	1300kg
POD INTERNAL DIMENSIONS	2200 x 2920 x 2000
POD EXTERNAL DIMENSIONS	2400 x 3000 x 2170



Serenity in Style

The INAPOD showcases sleek curves and contemporary arches that bring modern sophistication to any work space.

It is designed to fit seamlessly yet add an air of calm and serenity to even the busiest of work environments.

Minimalist design complement elegant furnishings to create the ultimate workspace that is ergonomic, convenient and conducive.

Effective air circulation and comfortable seating allows for uninterrupted work experience.

Meanwhile, it's screens provide excellent attenuation for a perfectly silent and isolated work environment.

Are you ready to upgrade?



Sound Proof

Built with carefully selected materials with the best absorption to deliver a high acoustic rating.



Energy Efficient

Sensor-Based on-off switch with an internal LED light and in-use ventilation fan.



Ventilated

Fitted with either 2 or 4 ventilation fans with 2 speeds to keep you cool and comfortable.



5 Year Warranty

Our Pods come with a 5 year structural warranty so you can purchase with confidence.