



A simple, practical and sustainable approach for the treatment of excessive noise within a designed environment.

Attention to sound reverberation is important, if not essential to any great design work. Therefore, the acoustic experience of a space needs to be a design consideration and priority from the origin of a project. Sound itself is complex, but dealing with excessive noise in spaces doesn't need to be.

Spaces can be designed beautifully, however if the sound within that space is uncomfortable, then so too will be the experience. The purpose of the space is at risk, of not being the focus of the participant's encounter with the environment if the acoustic balance is left untreated.

Instead, discomfort becomes the overriding experience and the work of the architect or designer can become undone through distraction.

Architectural spaces can be treated simply to create a better spatial experience, with the application of our Soundbasic acoustic panel system. Soundbasic panels can be incorporated into any style of project and also customised to suit most special project requirements.

Sounds basic? It is.

What is sound?

Sound is the vibration that humans and animals hear and experience at varying frequencies. Sound is experienced both psychologically and physically; therefore its effects can impact on an experience in either positive or negative ways.

How does Soundbasic treat sound?

In basic terms, sound penetrates the Soundbasic panels through surface perforations and then diminishes in the air cavity behind.

Soundbasic panels need to be mounted with a minimum 25mm clearance from the substrate or wall behind, creating an air cavity. Concealed wall and ceiling mounting systems can be supplied with the panels, which give a neat and clean finish.

It is generally advised to place acoustic mineral wool in the air cavity behind the panels to increase Soundbasic's absorption performance (Varying density acoustic wool products are available on the market). Soundspun acoustic fabric is mounted onto the rear of the acoustic panel. This fabric assists in reducing sound reverberation and additionally conceals objects behind the panels such as mineral wool.

Where can I use Soundbasic?

Soundbasic panels can be used to treat sound reverberation in a wide array of projects such as:

- commercial
- retail
- auditoriums
- hospitality
- sporting stadiums
- education
- healthcare
- and more

Soundbasic will suit any project where you need to treat excessive noise with a cost conscious budget in mind.

Available finishes

- reconstructed or natural timber veneer
- plywood
- painted
- soundblack option – black MDF with clear polyurethane finish

Fire Rating

For projects with fire rating requirements, special options are available to satisfy Group 1, 2 or 3.

Access Panels

Soundbasic access panels are available measuring 600 x 600mm. Customised access panels are also available.

Sustainability

We are proud that Formnation uses eco certified products to produce our acoustic panel products. E0 MDF panels are available upon request.

Our acoustic panel products are also designed with re usability in mind, as they are fully demountable.

Installation

Soundform panels are easily installed using either our concealed wall or ceiling fittings. Please contact Formnation for additional details on these systems.

How do I specify Soundbasic?

Design flexibility is an important factor in giving spaces a unique identity. Soundbasic panels have many design

options to enable designers and architects to create an individual project identity.

To proceed through the specification selection list below, please refer to the individual Soundbasic product cards.

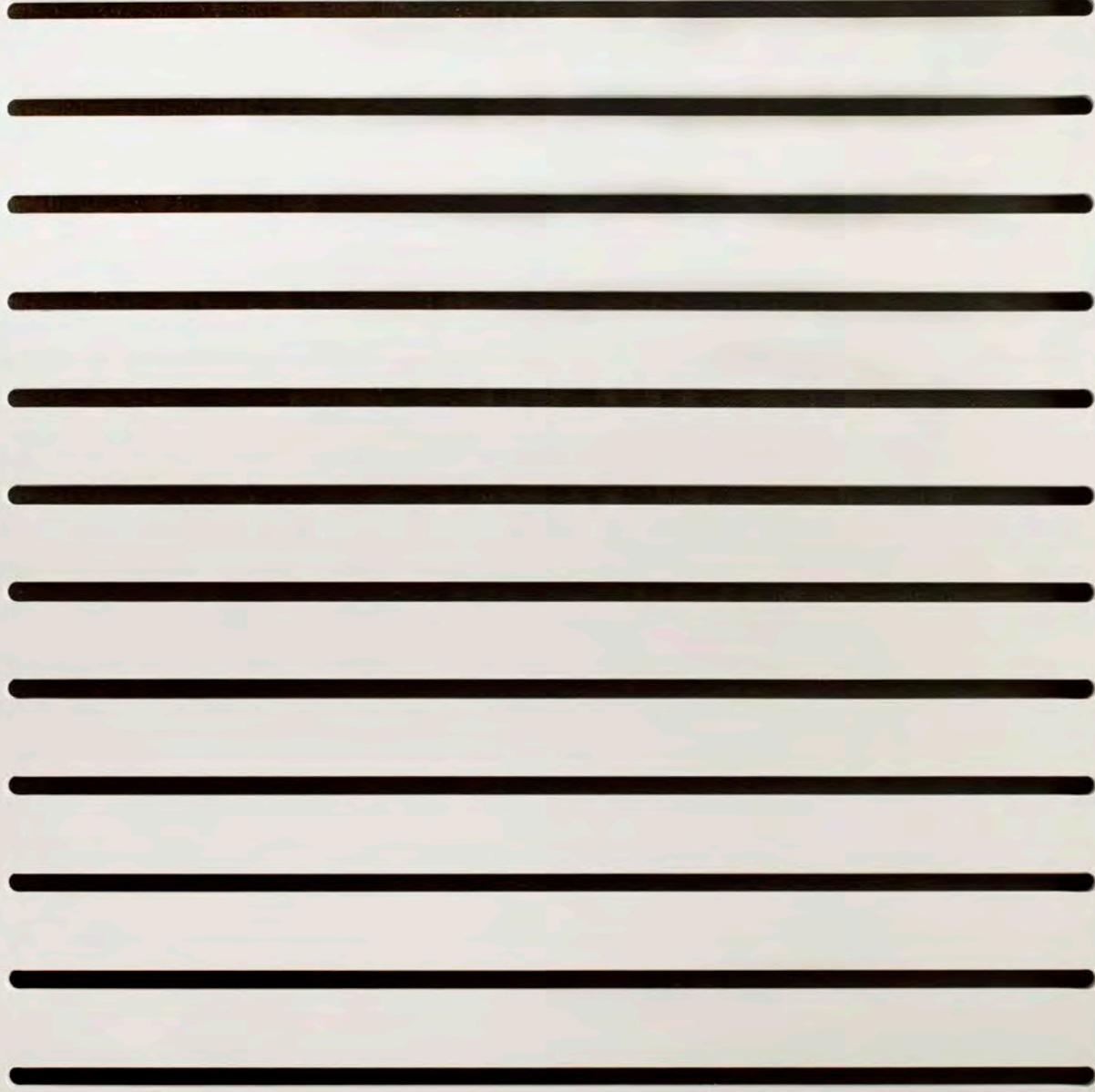
Select:

1. Soundbasic panel type and panel size
2. Perforation or slot size
3. Substrate
4. Surface
5. Finish
6. Special Options
7. Panel Variations (if necessary)

Should you require any customisation of the panels or more information, please feel free to contact us directly on either 1300 760 146 or info@formnation.com.au

Specification Example

Soundbasic/Slot One/1200 x 600mm/10mm slot/MDF/Dulux Vivid White/Satin/Soundfix Ceiling System.



SIZES

Standard available panel (mm)



• 1200 x 600



• 600 x 600



• 1200 x 2400 (Landscape)



• 2400 x 1200



• 600 x 1200 (Landscape)

SLOTS

Standard slot width options/approx. open area %

• 8mm / 14-15%

• 10mm / 18-19%

• 13mm / 23-24%

• 20mm / 36-37%

PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

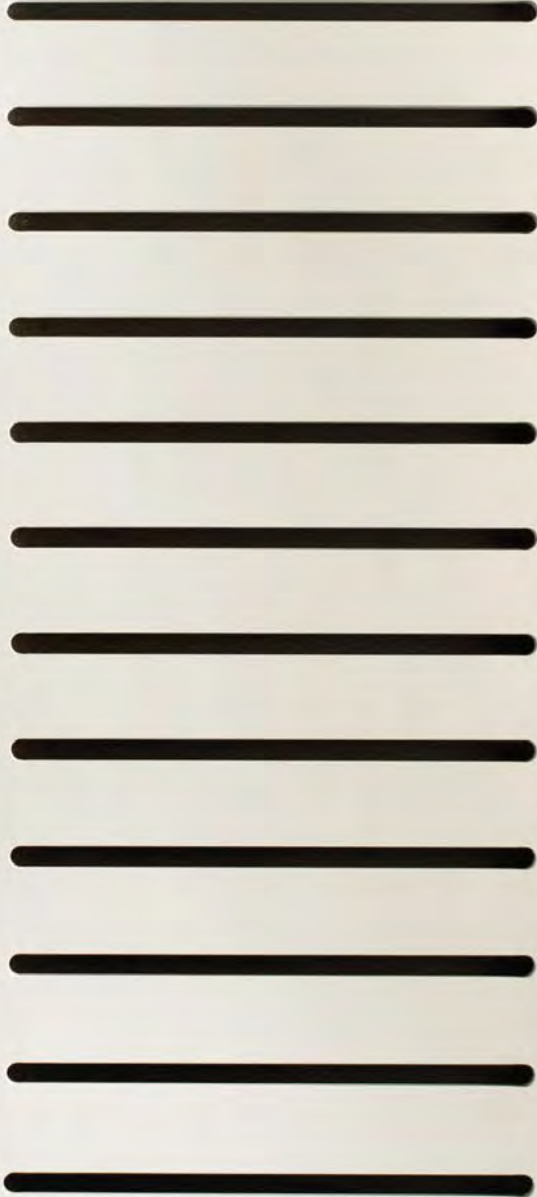
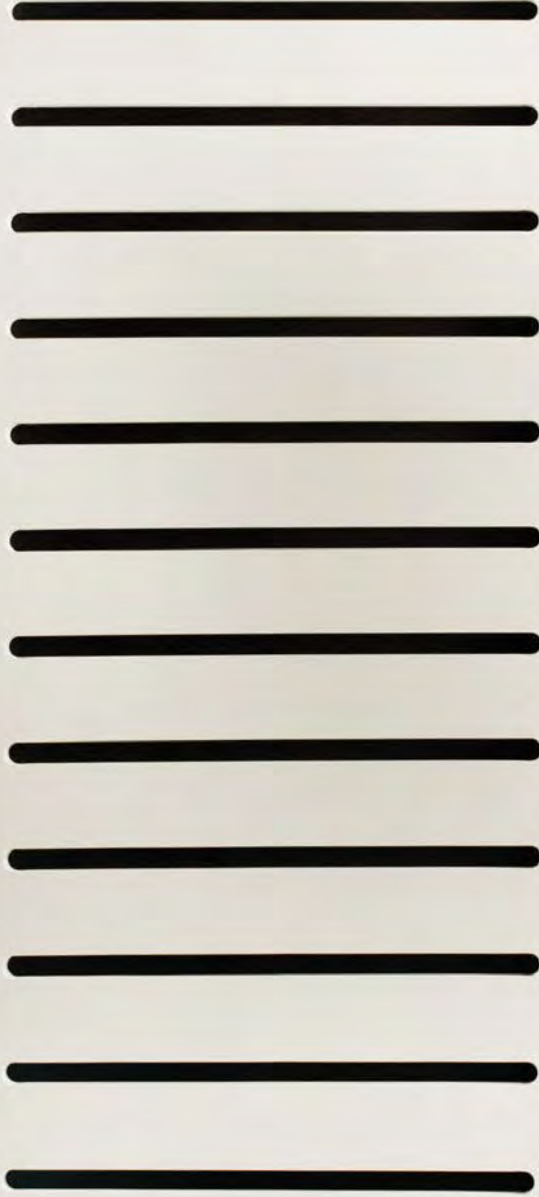
- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

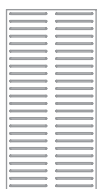
Panel Variations

- Ceiling 'drop in' tiles available (mm):
 - 592 x 592
 - 1192 x 592
 - 592 x 1192
- Access panels available
- Customised panels are available on request



SIZES

Standard available panel (mm)



• 1200 x 600



• 600 x 600



• 1200 x 2400 (Landscape)



• 2400 x 1200



• 600 x 1200 (Landscape)

SLOTS

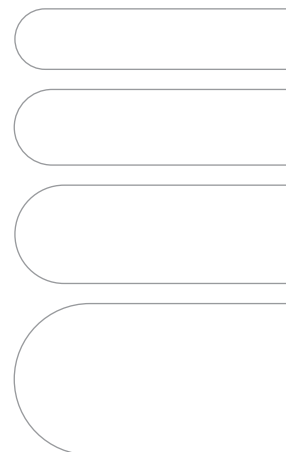
Standard slot width options/approx. open area %

• 8mm / 13-14%

• 10mm / 16-18%

• 13mm / 21-23%

• 20mm / 32-35%



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

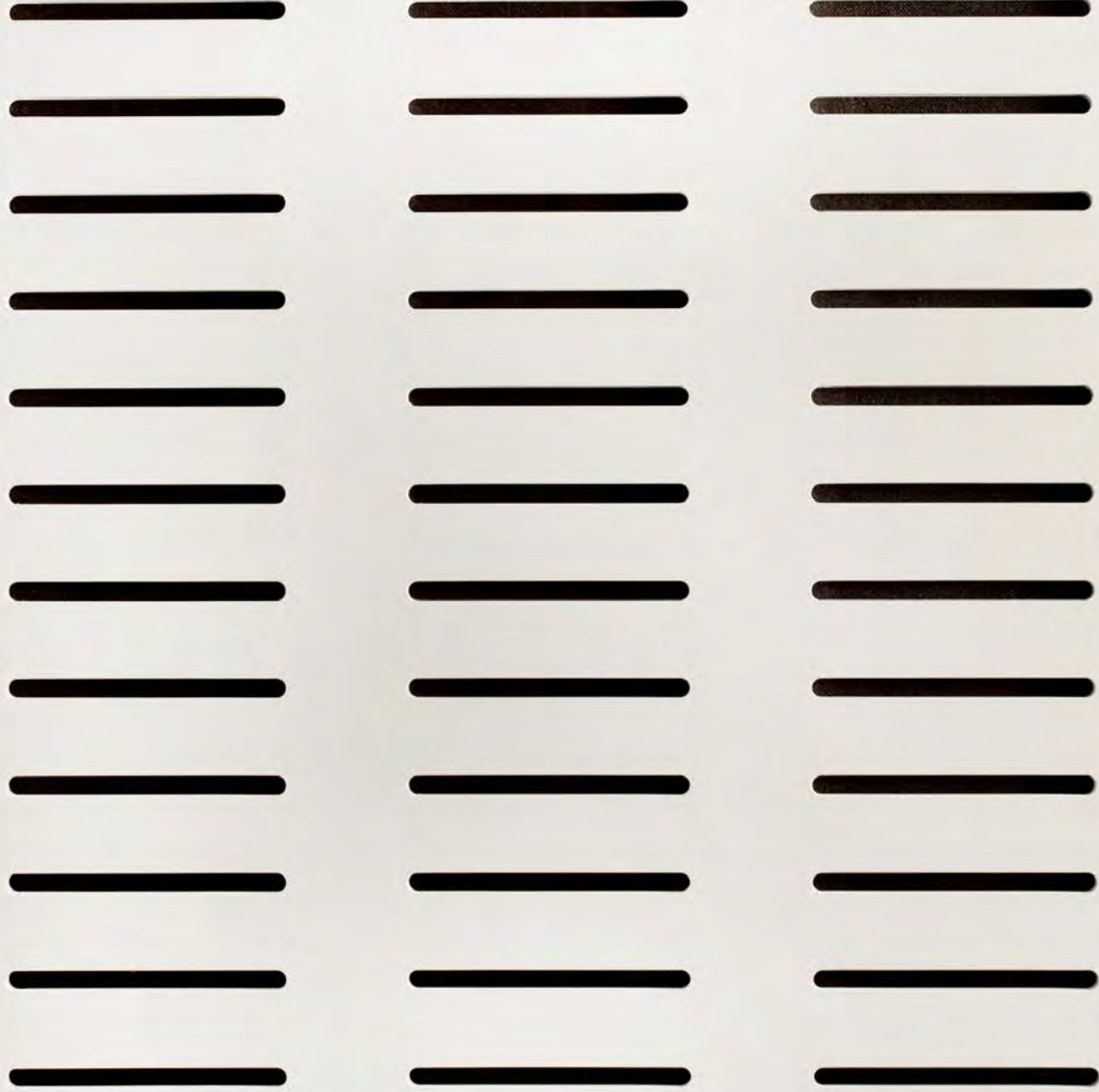
- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

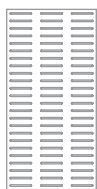
Panel Variations

- Ceiling 'drop in' tiles available (mm):
 - 592 x 592
 - 1192 x 592
 - 592 x 1192
- Variable/customised dimensions are available upon request



SIZES

Standard available panel (mm)



• 1200 x 600



• 600 x 600



• 1200 x 2400 (Landscape)



• 2400 x 1200



• 600 x 1200 (Landscape)

SLOTS

Standard slot width options/approx. open area %

• 8mm / 11-13%



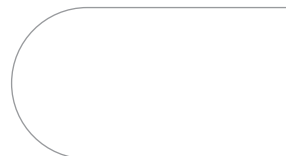
• 10mm / 14-17%



• 13mm / 18-22%



• 20mm / 28-33%



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

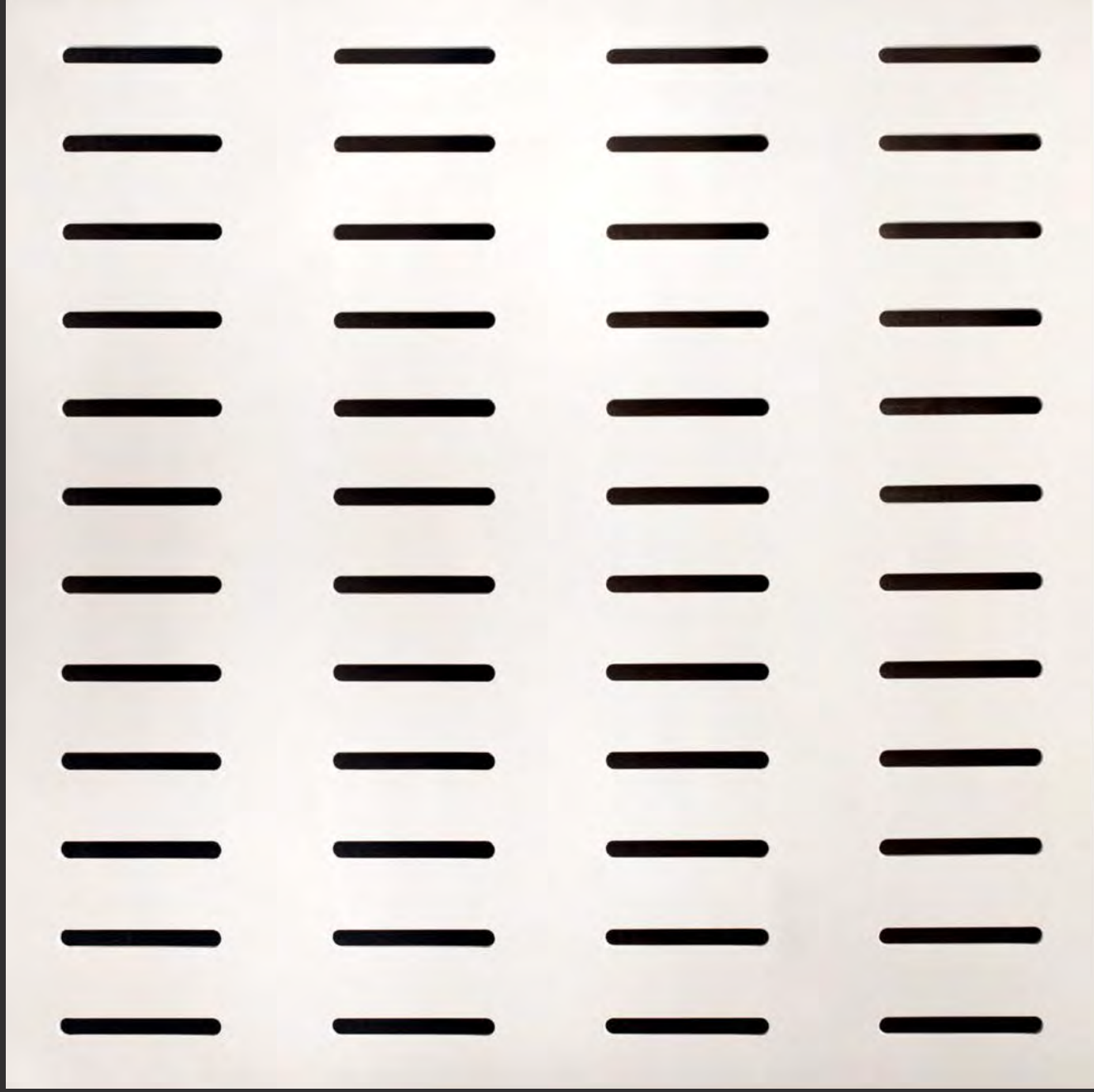
- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

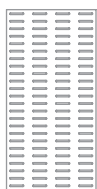
Panel Variations

- Ceiling 'drop in' tiles
available (mm):
 - 592 x 592
 - 1192 x 592
 - 592 x 1192
- Variable/customised
dimensions are available
upon request



SIZES

Standard available panel (mm)



• 1200 x 600



• 600 x 600



• 1200 x 2400 (Landscape)



• 2400 x 1200



• 600 x 1200 (Landscape)

SLOTS

Standard slot width options/approx. open area %

• 8mm / 10-13%



• 10mm / 12-16%



• 13mm / 16-20%



• 20mm / 24-31%



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

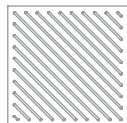
Panel Variations

- Ceiling 'drop in' tiles available (mm):
 - 592 x 592
 - 1192 x 592
 - 592 x 1192
- Variable/customised dimensions are available upon request

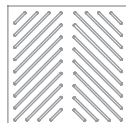


SIZES

Standard available panel (mm)



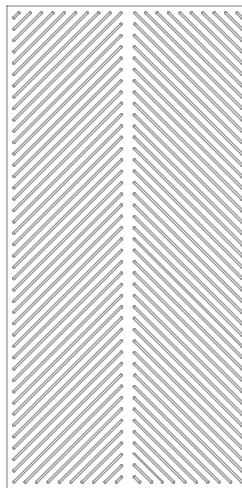
• 600 x 600



• 600 x 600



• 1200 x 600



• 2400 x 1200

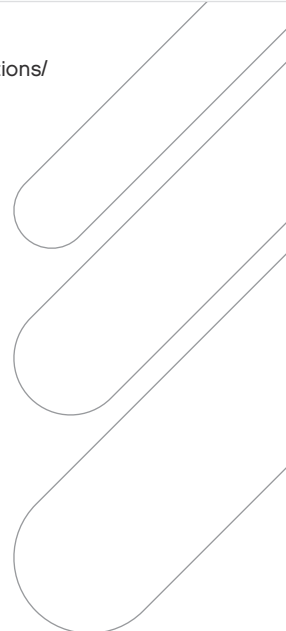
SLOTS

Standard slot width options/
approx. open area %

• 10mm / 17-22%

• 15mm / 24-33%

• 20mm / 32-43%



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

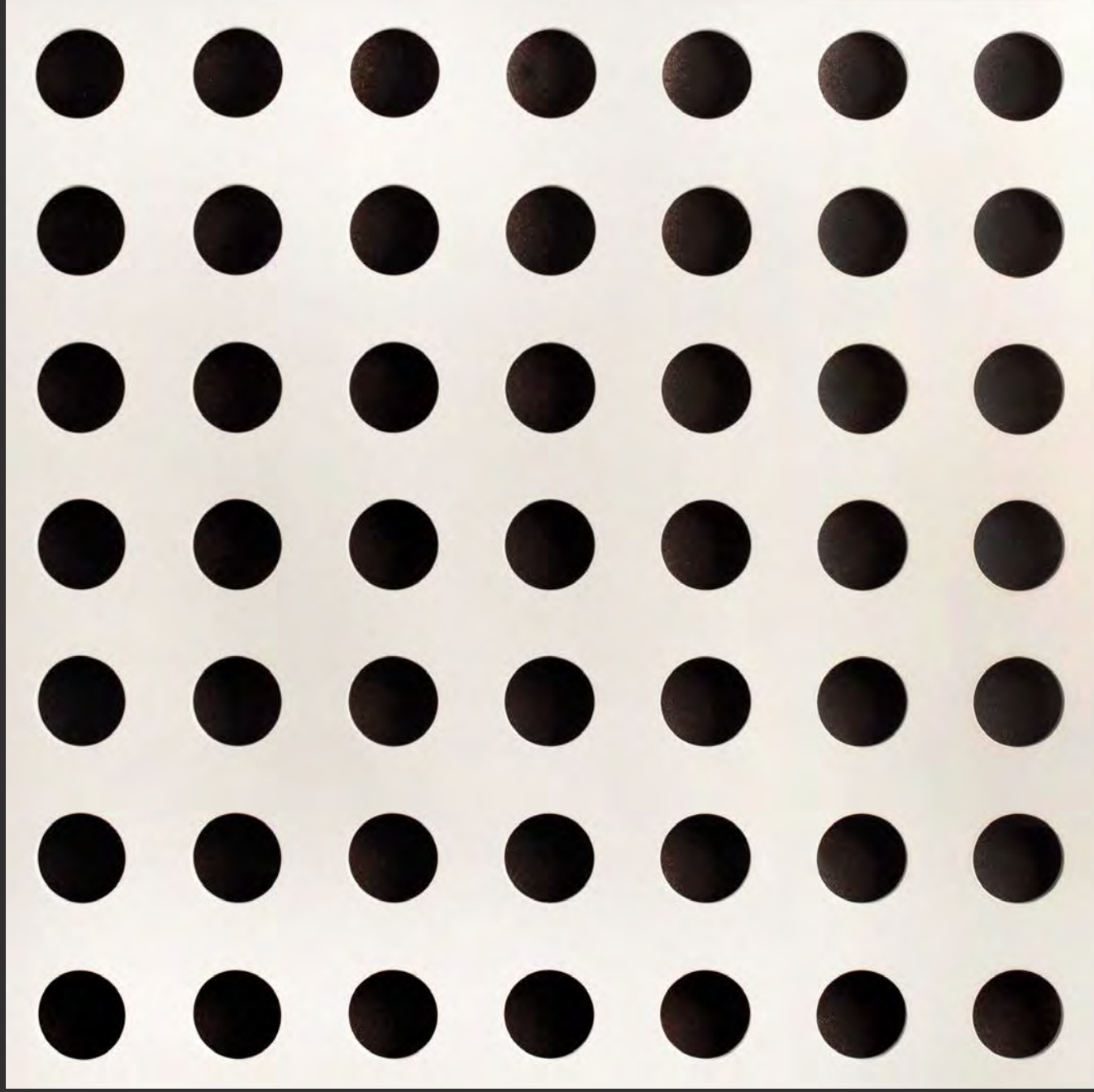
- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

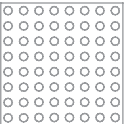
Panel Variations

- Ceiling 'drop in' tiles
available (mm):
 - 592 x 592
 - 1192 x 592
- Access panels available
- Customised panels are
available on request

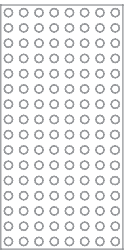


SIZES

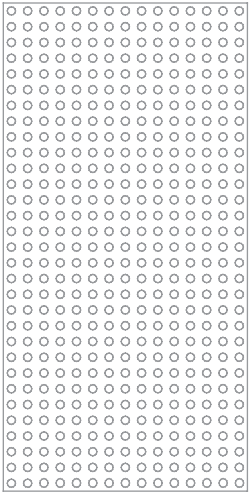
Standard available panel (mm)



• 600 x 600



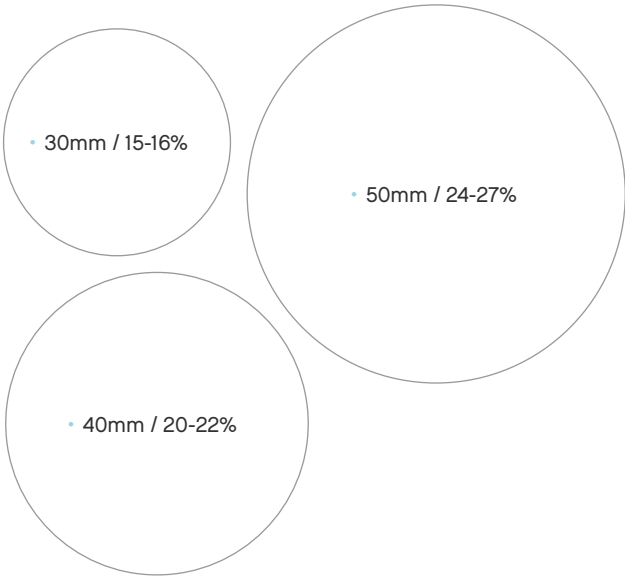
• 1200 x 600



• 2400 x 1200

SPOTS

Standard dot diameter options and approximate open area %



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

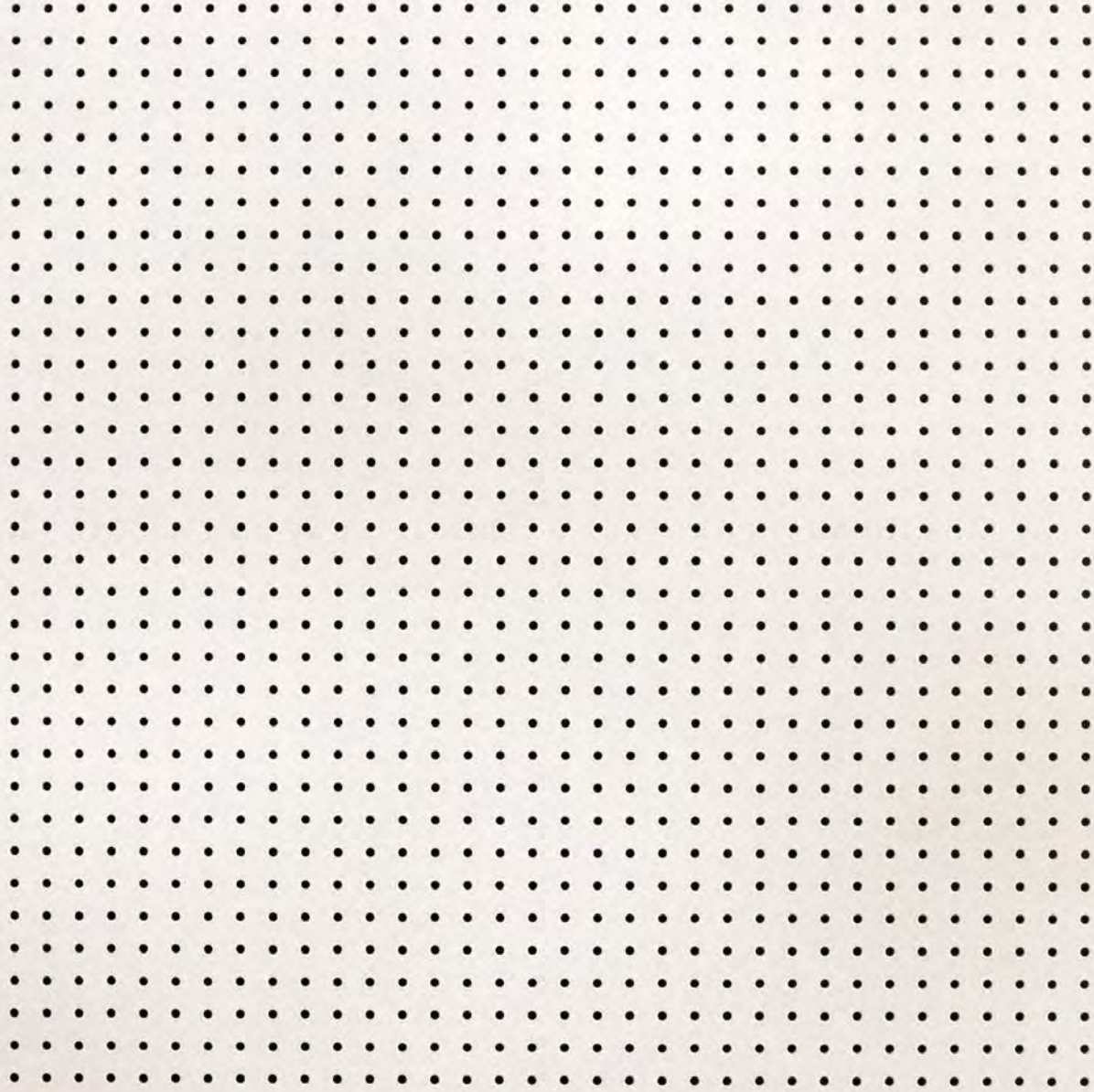
- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

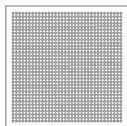
Panel Variations

- Ceiling 'drop in' tiles available (mm):
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 - 1192 x 592
- Access panels available
- Customised panels are available on request

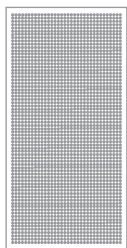


SIZES

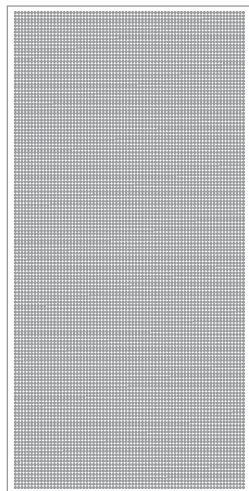
Standard available panel (mm)



• 600 x 600



• 1200 x 600



• 2400 x 1200

DOTS

16mm dot spacing

Standard dot diameter options and approximate open area %

• 5mm / 6-7%



• 8mm / 16-18%



• 12mm / 36-41%



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

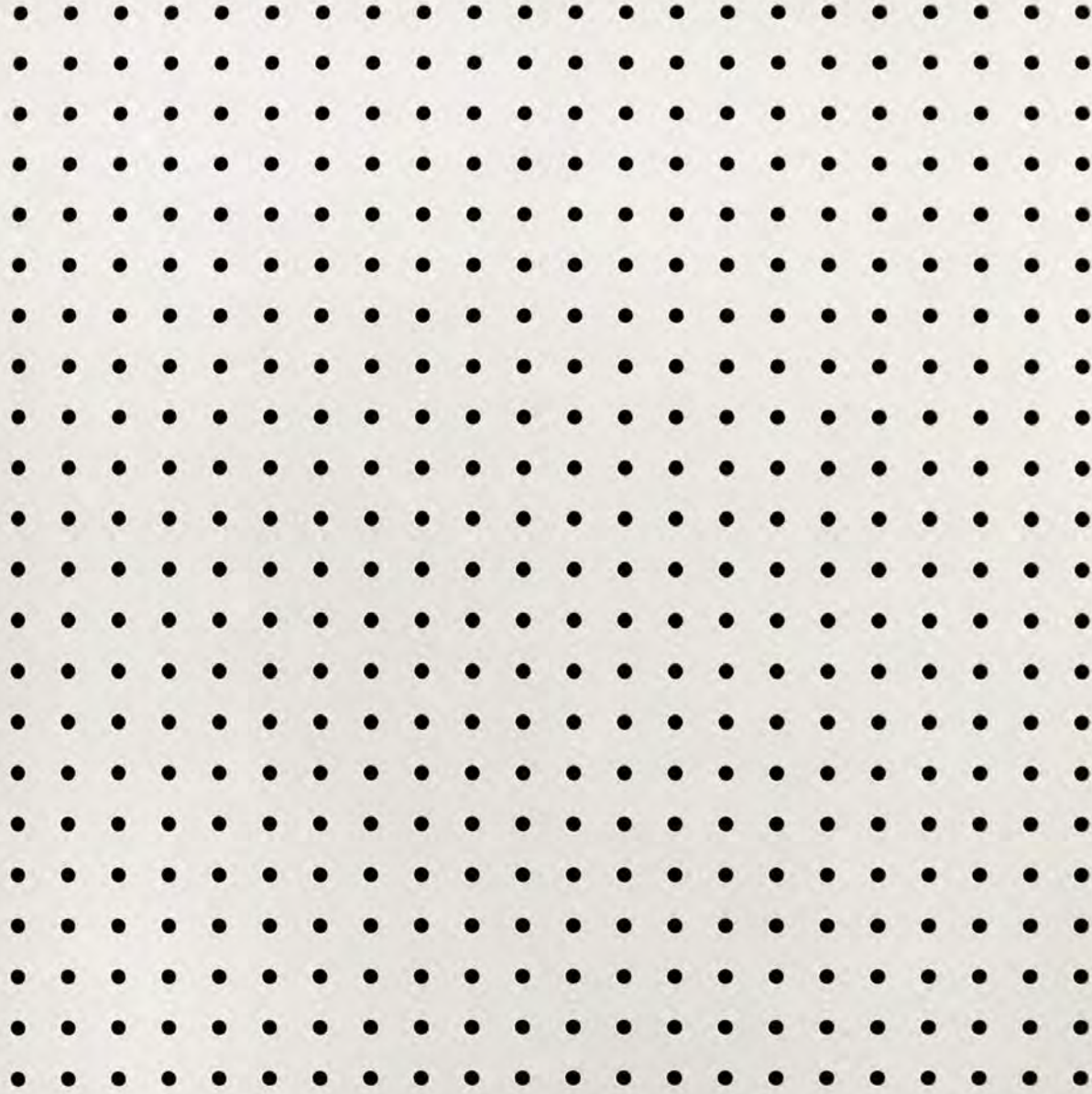
- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

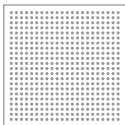
Panel Variations

- Ceiling 'drop in' tiles available (mm):
 - 592 x 592
 - 1192 x 592
- Variable/customised dimensions are available upon request

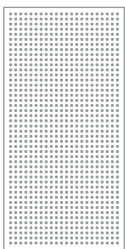


SIZES

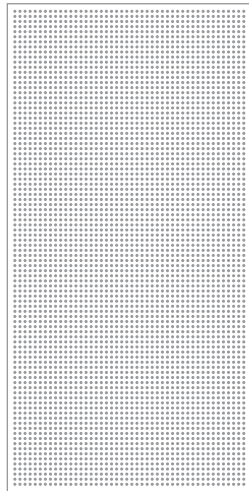
Standard available panel (mm)



• 600 x 600



• 1200 x 600



• 2400 x 1200

DOTS

25mm dot spacing

Standard dot diameter options and approximate open area %

• 5mm / 3%



• 8mm / 7-8%



• 12mm / 15-17%



PANEL OPTIONS

Substrate

(Standard 16mm thickness)

- MDF
(FSC Certified)
- Black MDF
(PEFC Certified)
- Plywood
(FSC on Request)

Surface

- Veneer
- Painted
- Soundblack
- Plywood

Finish

- Matt
- Satin
- Semi Gloss
- Full Gloss

Special Options

- Soundfix Wall System
- Soundfix Ceiling System
- Fire Rating

Panel Variations

- Ceiling 'drop in' tiles available (mm):
 - 592 x 592
 - 1192 x 592
- Variable/customised dimensions are available upon request