



Acoustic Timber Wall and Ceiling Cladding

African Leadership Academy - Johannesburg

OWA

ideatec 
advanced acoustic solutions

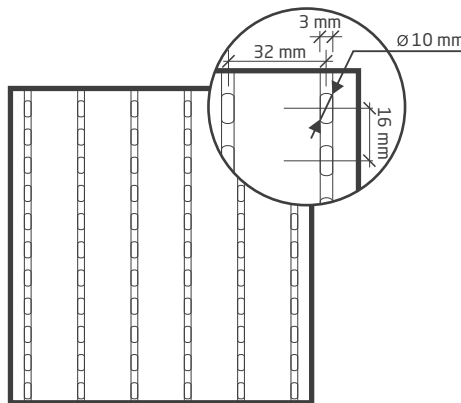


UCT Chris Hani Auditorium - Cape Town

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Ideacoustic's Standard 32 is an aesthetically pleasing product, intended for places requiring an enhanced acoustic ambience, whether it be big spaces like theatres and auditoriums, or smaller ones such as restaurants, shops and meeting areas.



- Visible face: **grooves.**
- Reverse: **perforations.**

Studied data

Dimensions

2430 x 160 x 16mm

Grooves

3 mm

Diameter

10 mm

Perforation-available

2 mm, 3 mm and 4 mm



Noise reduction coefficient



0.65 with 200mm Cavity + Acoustic Insulation



0.65 with 50mm Cavity + Acoustic Insulation



Direct fix with Acoustic Insulation - NRC on application.

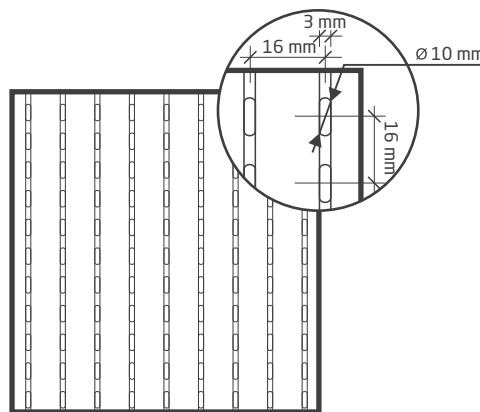


- Installation details available upon request





Ideacoustic's High 16 offers acoustic solutions for the most demanding spaces. Its acoustic performance within a wide range of frequencies makes it a reference product for the sector's professionals.



- Visible face: **grooves.**
- Reverse: **perforations.**

Studied data

Dimensions

2430 x 160 x 16mm

Grooves

3 mm

Diameter

10 mm

Perforation-available

2 mm, 3 mm and 4 mm



Imibala Ballet School – Cape Town

- Installation details available upon request

Noise reduction coefficient



0.75 with 200mm Cavity + Acoustic Insulation



0.80 with 50mm Cavity + Acoustic insulation



Direct fix with Acoustic Insulation - NRC on application.





Standard melamines



Maple



Cherry



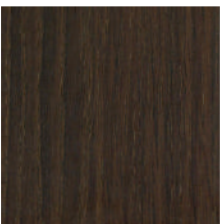
Coral



Silver



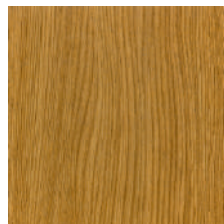
Pear



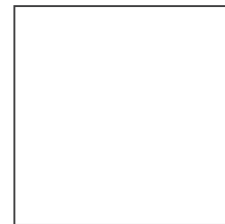
Wengue



Beech



Oak



White

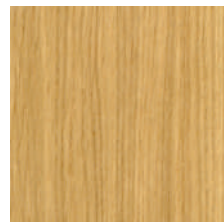
Standard wood veneer panels



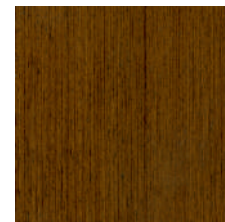
Maple



Cherry



Oak



Wengue



Beech

* More finishes available upon request



Laquered panels

We have the necessary ability, technology and tools to supply our panels in any finish of PANTONE, RAL or NCS



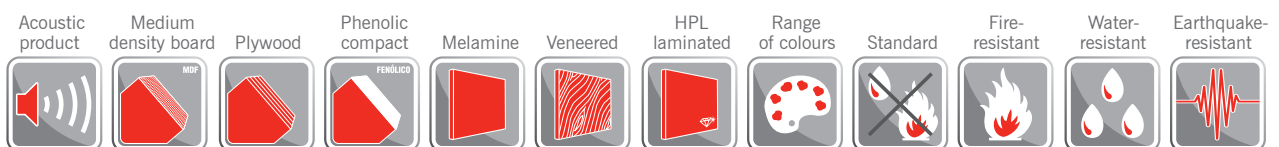
DSV Logistics - Johannesburg

Absorbent layer: Black acoustic fabric attached to the rear

Dimensions: | **Ceiling panelling:** 2430 x 160 x 16 mm

Wall panelling: 2430 x 160 x 16 mm

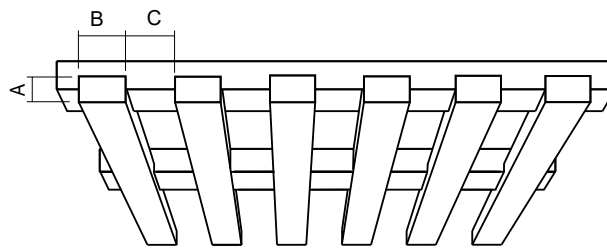
Tolerance: | **Width:** ±1,5 mm // **Length:** ±1,5 mm.



- Installation details available upon request



Idealux LT, the solid wood panel with the best features on the market, completely removable and accessible modules, designed for easy and simple installation.



- Solid wood slats attached through MDF crossbars

Studied data

Dimensions

1980 x 600mm

Slats

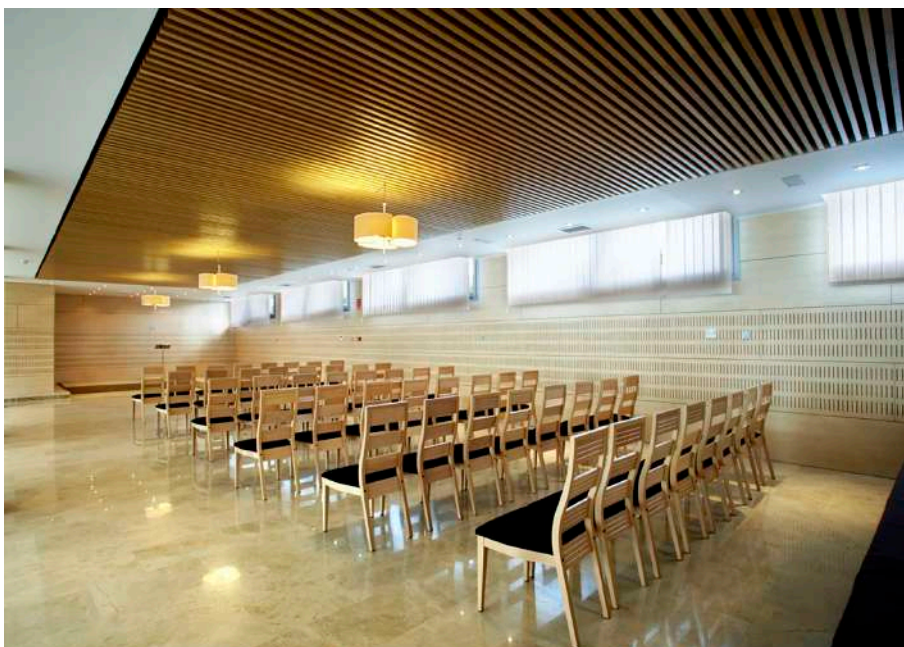
22 x 45mm

Weight

7.73 Kg

Density

470 Kg/m³ Wall



- Installation details available upon request

Noise reduction coefficient



NRC= 0,90

Test Conditions

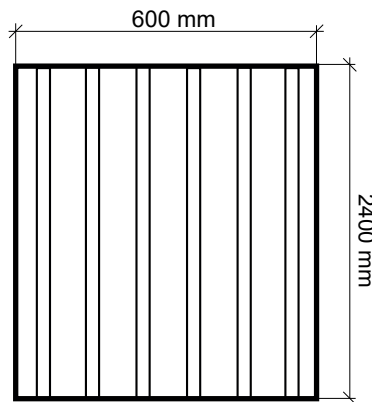
5 cm total plenum depth.
+ 4 cm of acoustic insulation







Idealux FL, where the style of natural wood meets the acoustic performance of our polyester fiber panel. A panel with high acoustic performance, ideal for ceiling and wall cladding.



- Polyester fiber core and finished in natural wood

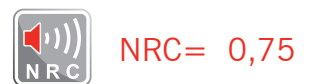
Studied data

- Dimensions**
2400 x 600mm
- Separation**
68mm
- Batten Height**
22/42mm
- Application**
Wall/Ceiling
- Slats**
13x27mm with a 13mm gap
- Density**
470 Kg/m³ Wall



- Installation details available upon request

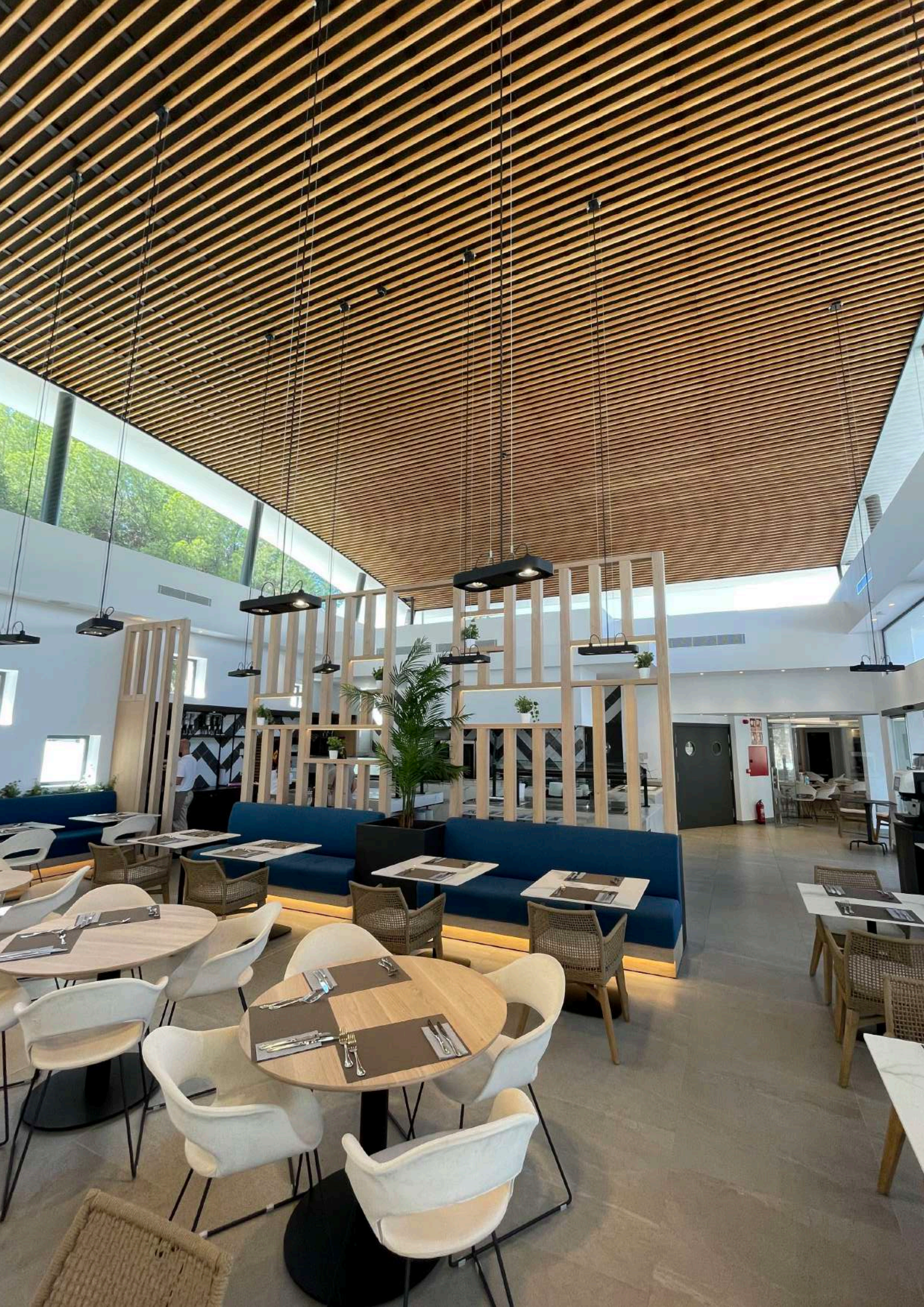
Noise reduction coefficient



Test Conditions

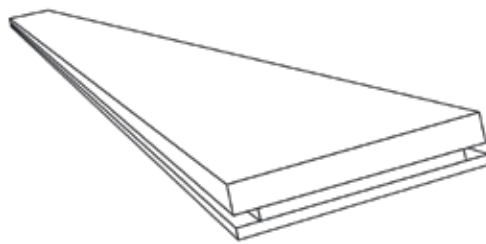
5 cm total plenum depth.
+ 4 cm of acoustic insulation







Ideawood Slats, the elegance of natural wood in a format that will never be outdated. Infinite installation possibilities both on the ceiling and on the wall.



- Solid wood modules

Studied data

Dimensions

Measures on request

Thickenss

22mm

Weight

2,70kg

Density

490 Kg/m³ Wall



- Installation details available upon request

Noise reduction coefficient



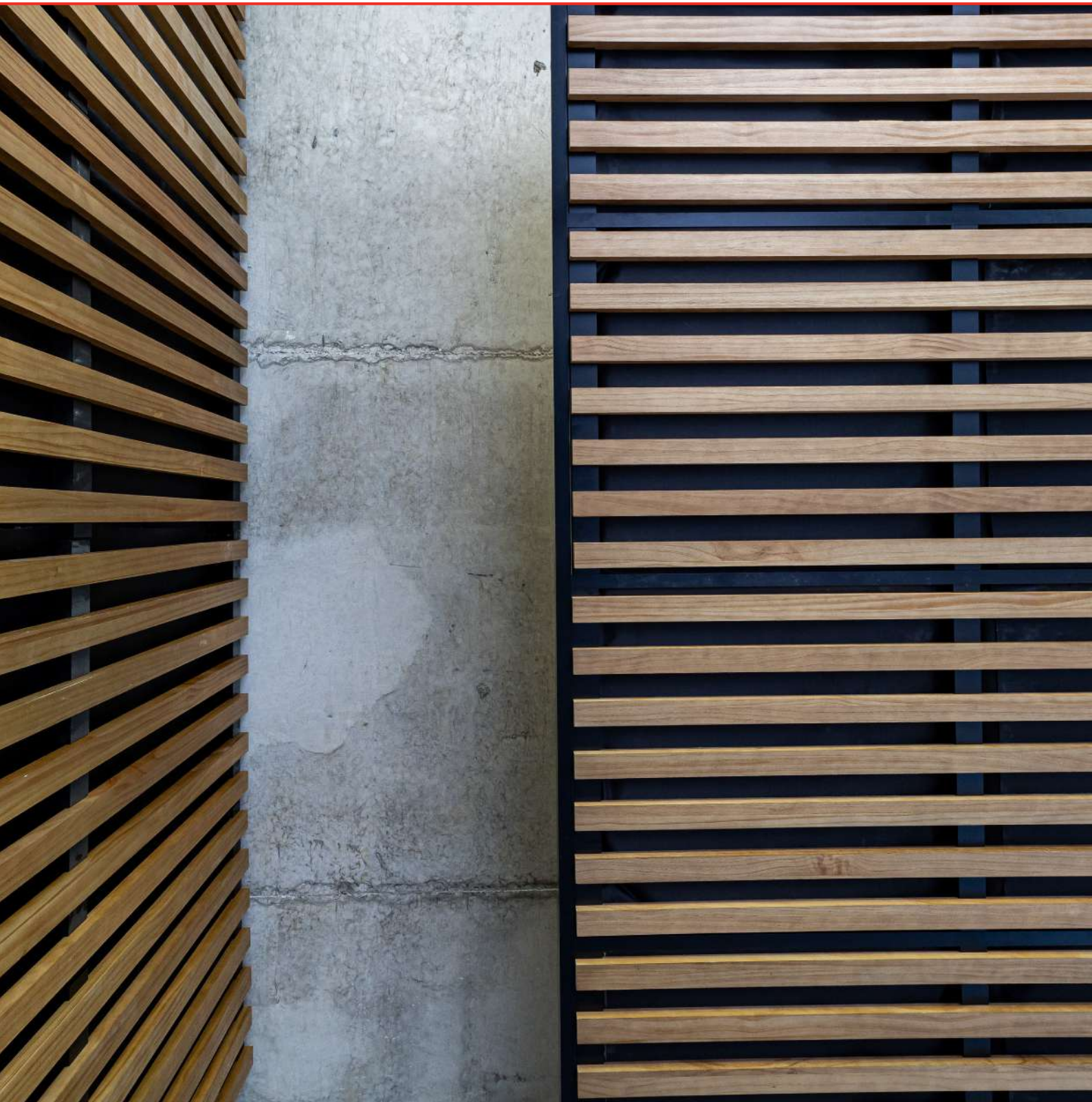
NRC= 0,60

Test Conditions

5 cm total plenum depth.
+ 4 cm of acoustic insulation







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