

A wide-angle photograph of a modern office space. The room is filled with glass-walled meeting rooms and open-plan work areas. The ceiling is composed of white, rectangular modular panels with recessed linear lighting fixtures. The floor is covered in a blue and grey patterned carpet. In the foreground, there are white round tables and white office chairs with green seats. In the background, there are more glass-walled rooms and a large wall-mounted screen displaying a colorful image of two people. The overall atmosphere is bright and professional.

CLESTRA AcuERA | Clestra Modular Ceiling

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AcuERA

AcuERA | ADVANCED ACOUSTIC CEILING SYSTEMS

AcuERA helps create quieter, cleaner, and more adaptable interiors through a ceiling system designed for both acoustic control and architectural clarity.



Its factory-sealed ceiling panels deliver a sound attenuation of **CAC 47 dB** and a sound absorption coefficient of **α_w 0.85**, supporting high acoustic performance across demanding work environments.

Designed for seamless integration, AcuERA accommodates fire prevention equipment, sensors, lighting, and HVAC components within a streamlined ceiling system that blends performance with design clarity.

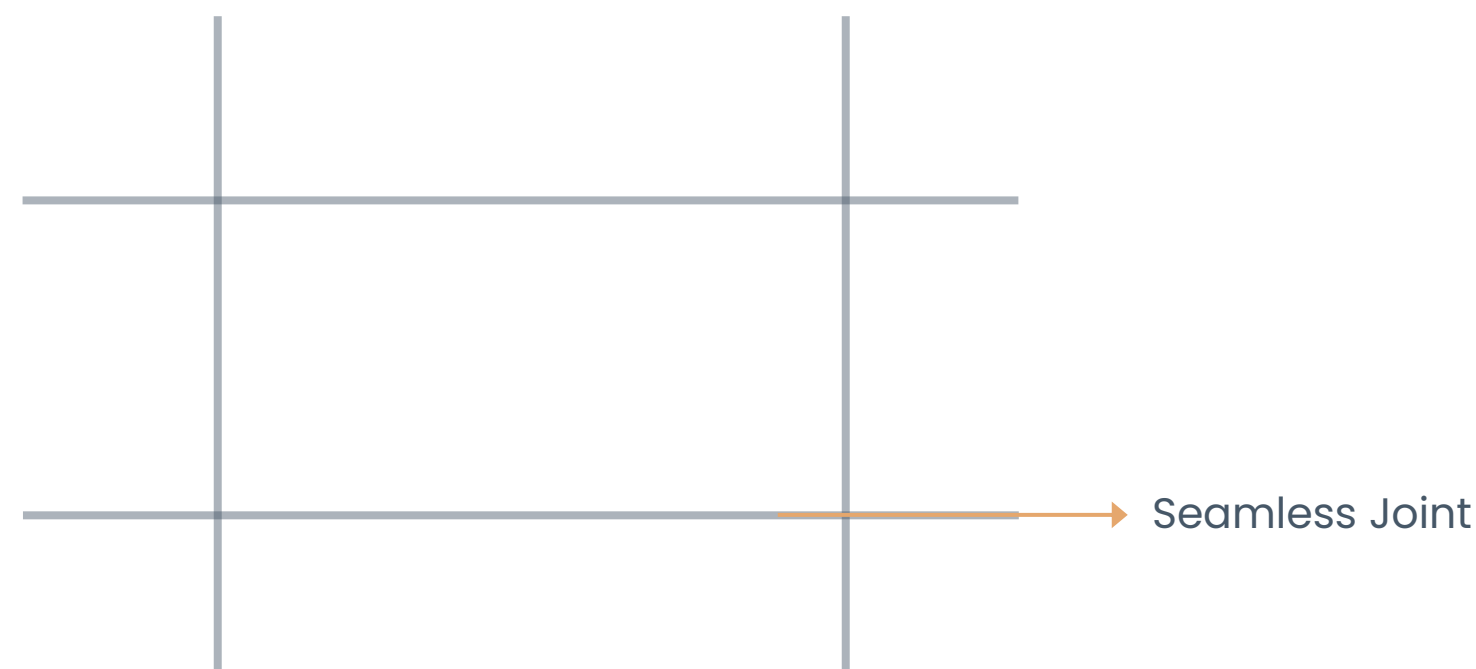
* α_w = Weighted Sound Absorption Coefficient
 $0 < \alpha_w < 1.0$

AcuERA SERIES | ADVANCED ACOUSTIC CEILING SYSTEMS

AcuERA - C

Concealed Grid System

Designed for visual continuity, AcuERA-C conceals its structural grid to create a clean, monolithic appearance. It is well suited to refined environments where a discreet ceiling expression is preferred.

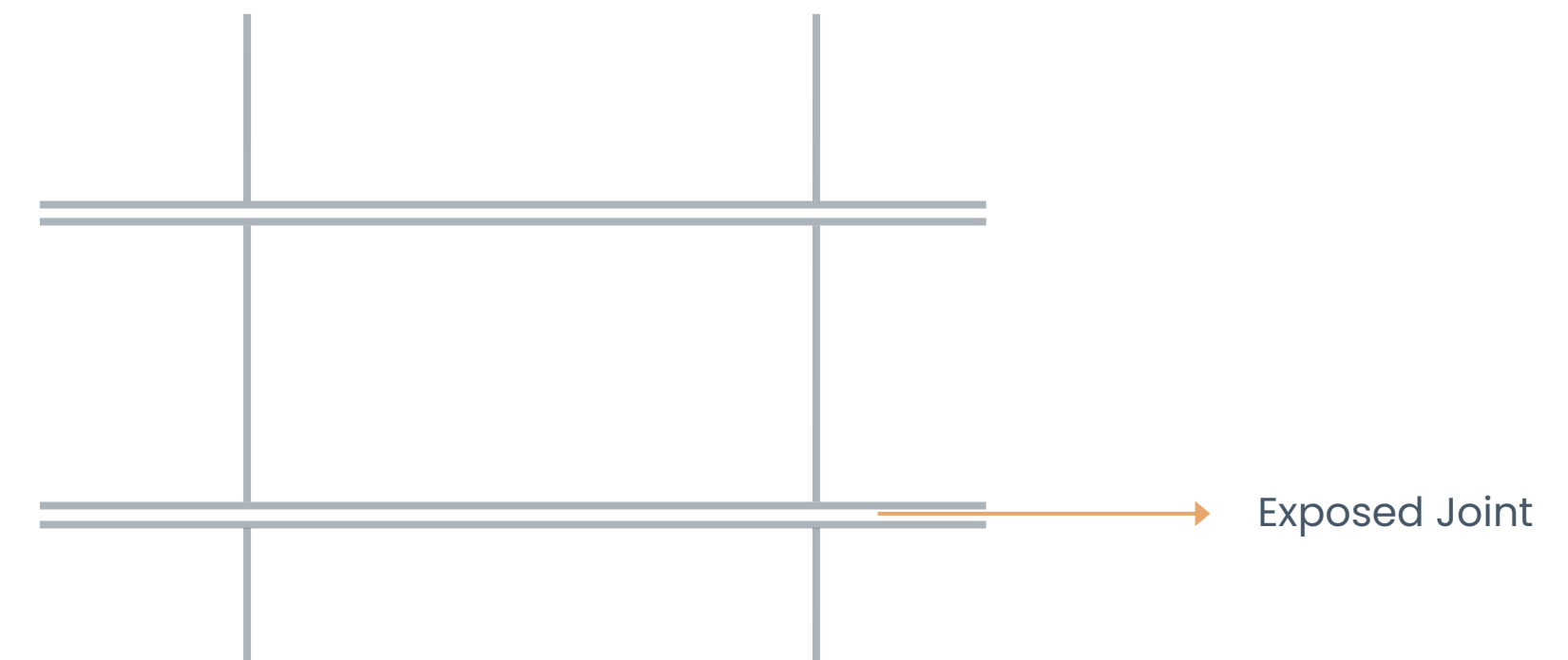


- **Grid Detail :** Invisible, Concealed (58mm)
- **Visual Impact :** Seamless, Monolithic, Clean
- **Typical Applications:** Executive offices, meeting rooms, premium workspaces

AcuERA - L

Exposed Grid System

AcuERA-L features a visible linear grid that gives the ceiling a more defined architectural rhythm. It is ideal where a structured and technical ceiling language is required.



- **Grid Detail :** Exposed, Linear
- **Visual Impact :** Structured, Rhythmic, Bold
- **Typical Applications:** Open offices, R&D centers, laboratories

CORE PILLARS OF AcuERA



ULTIMATE ACOUSTIC

||| Insulation CAC 47dB $\alpha_w = 0.85$

Factory-sealed monobloc panels combine sound absorption and sound insulation within a single ceiling system.



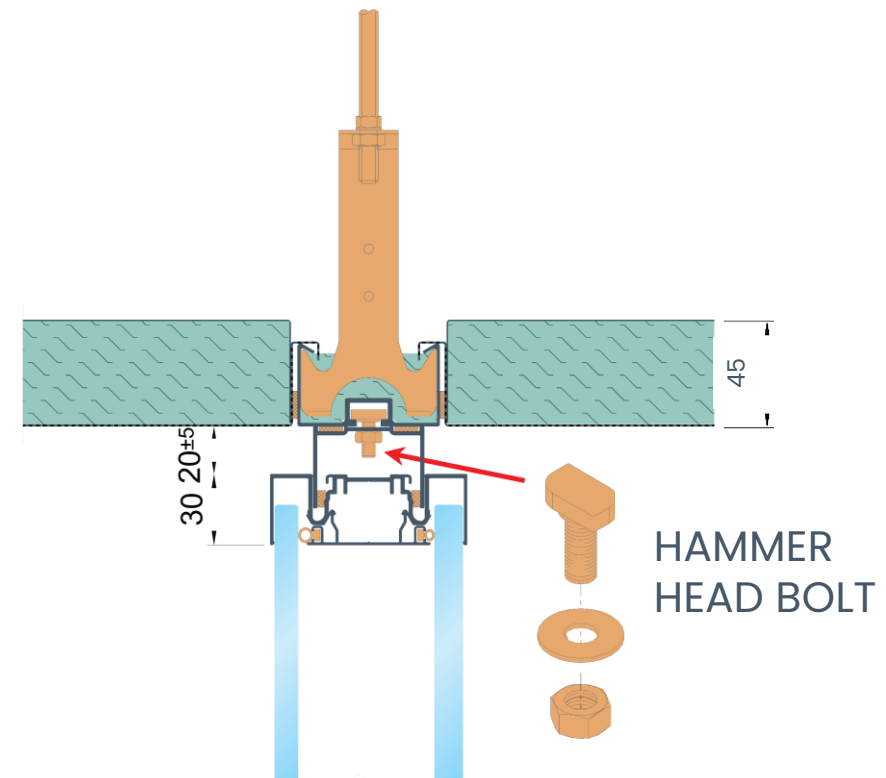
BESPOKE DESIGN

Size up to 1200mm Perforation 11%

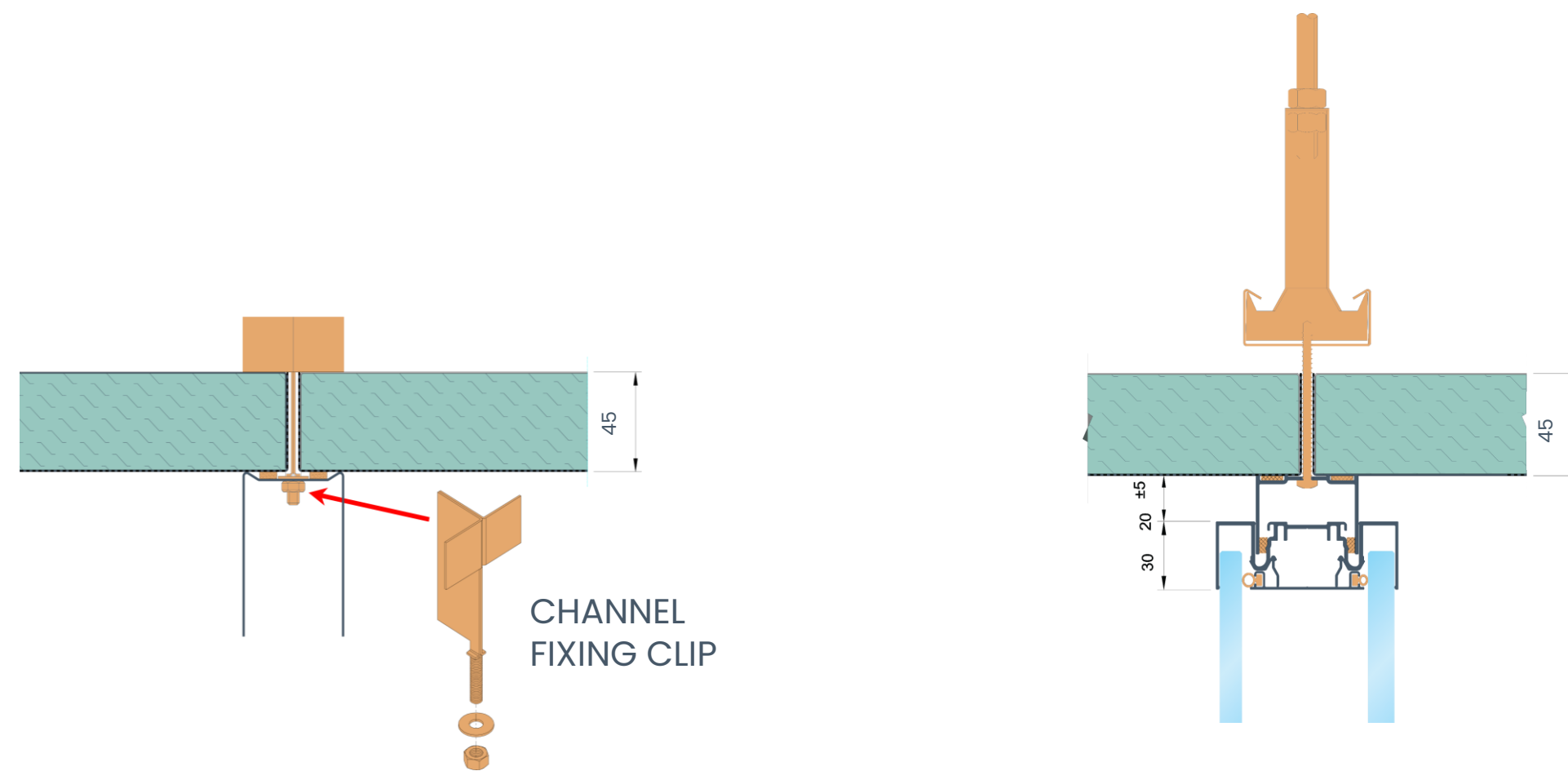
Engineered for precise coordination with MEP and structural requirements, AcuERA supports a refined finish and a clean architectural result.

INTEGRATED CEILING

AcuERA - L



AcuERA - C



VERSATILE FOR NEW BUILDS AND RETROFITS

AcuERA is suitable for both new build and retrofit applications, whether used with partition systems or standard drywall.

Its T-bolt rail system works seamlessly with Clestra partitions, allowing easy relocation without permanent fixing.

CEILING STRUCTURE

DURABLE, MONOBLOC DESIGN



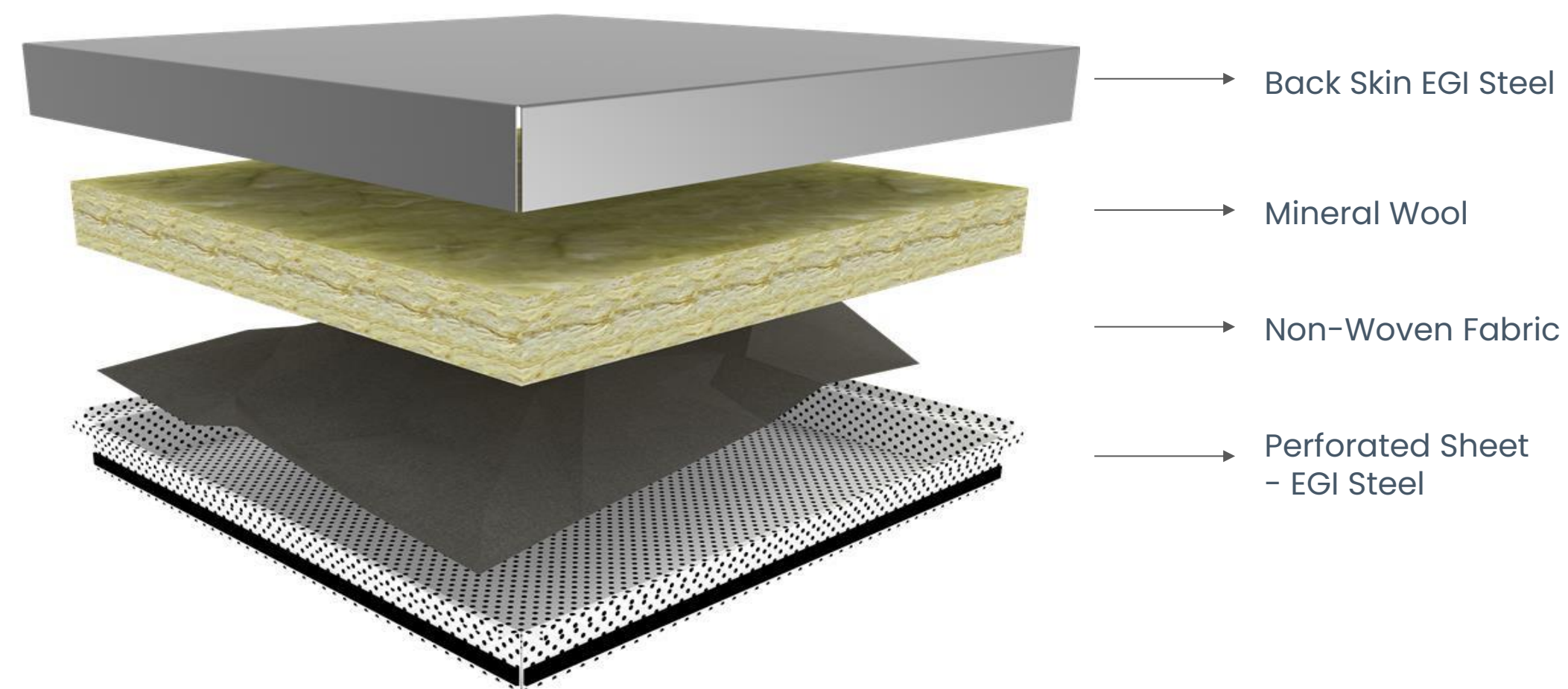
Reduce
Sound Transmission



Improve
Sound Absorption



Enhance
Acoustic Comfort



AcuERA is a compact and durable monobloc sandwich tile designed and manufactured to combine acoustic and fire-resistant properties in one integrated solution.

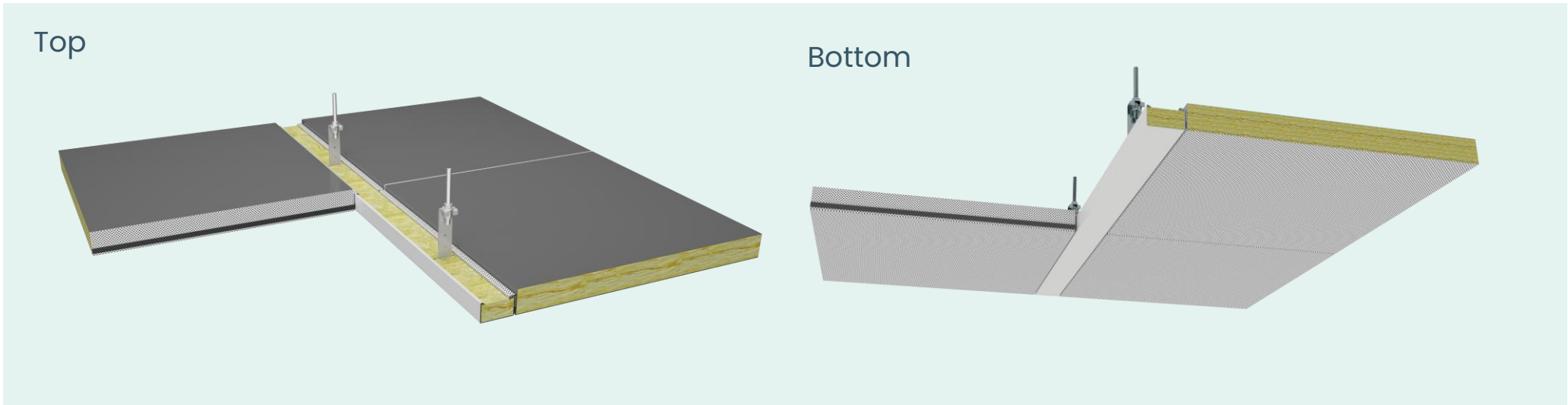
Delivered factory-finished and ready for installation, it enables quick setup with minimal disruption. Its robust construction, using recyclable materials, also supports future layout modifications and long-term performance.

PLENUM ACOUSTIC STRATEGY

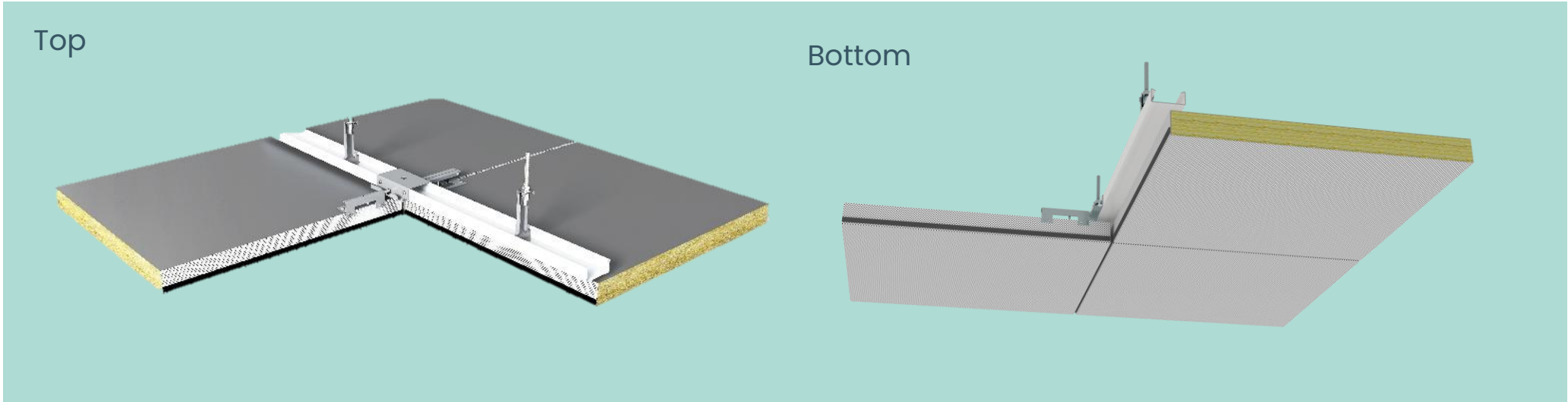


TECHNICAL SPECIFICATIONS

AcuERA - L



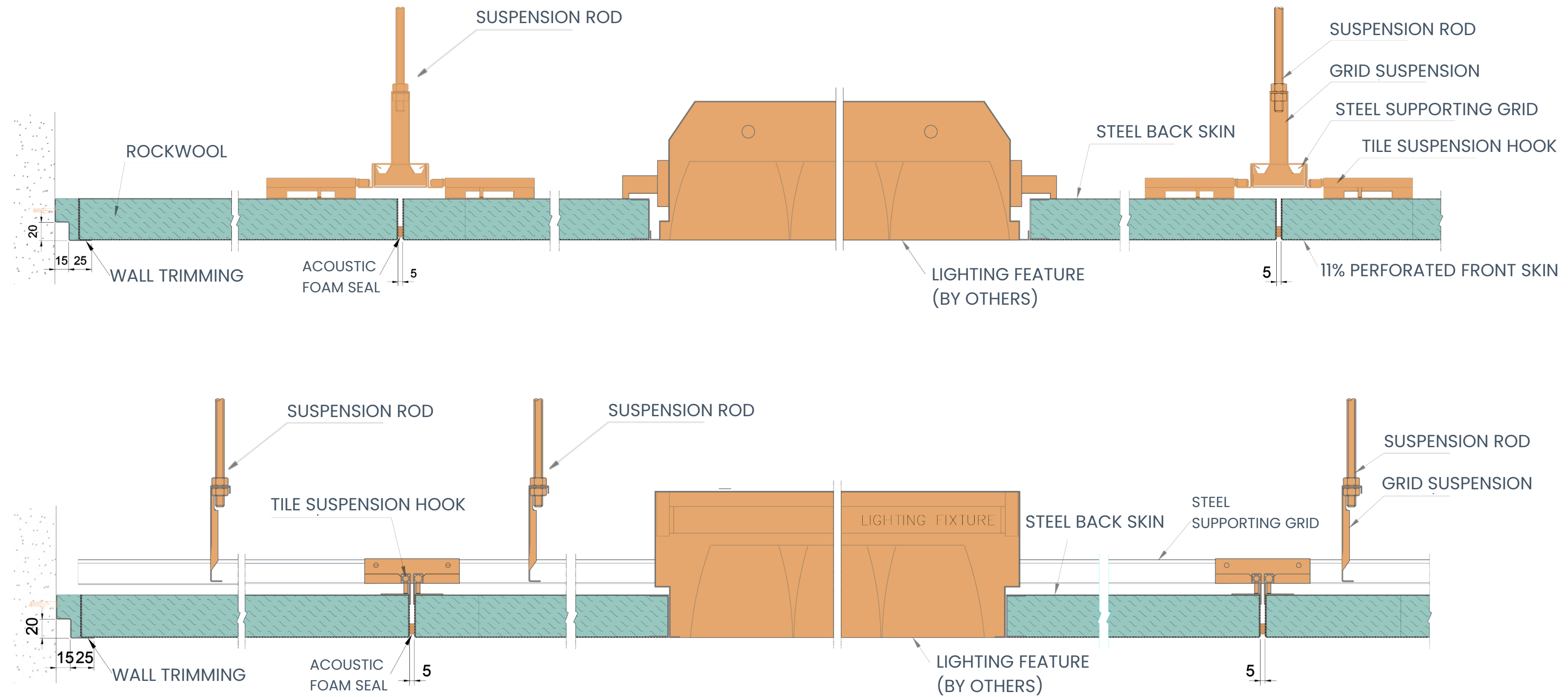
AcuERA - C



	AcuERA - L	AcuERA - C
Description	Designed with an 80mm or 105mm visible linear grid, AcuERA-L offers a clean, modern aesthetic with bold detailing.	A precision-engineered system with minimal joint visibility, delivering a sleek and seamless finish.
Tile Structure	0.8mm 1k perforated front skin 40mm (48kg/m³) Rockwool core 0.6mm and full steel back skin	
Tile Thickness (in mm)	45mm	
Maximum Size	1200 * 1200 mm	
Ceiling Grid	80-105mm visible, 1.0mm thick exposed steel grid	58mm wide, 1.0mm thick concealed steel grid
Sound Insulation	$\alpha_w = 0.85$	
CAC	47dB	47dB

TYPICAL DETAILS

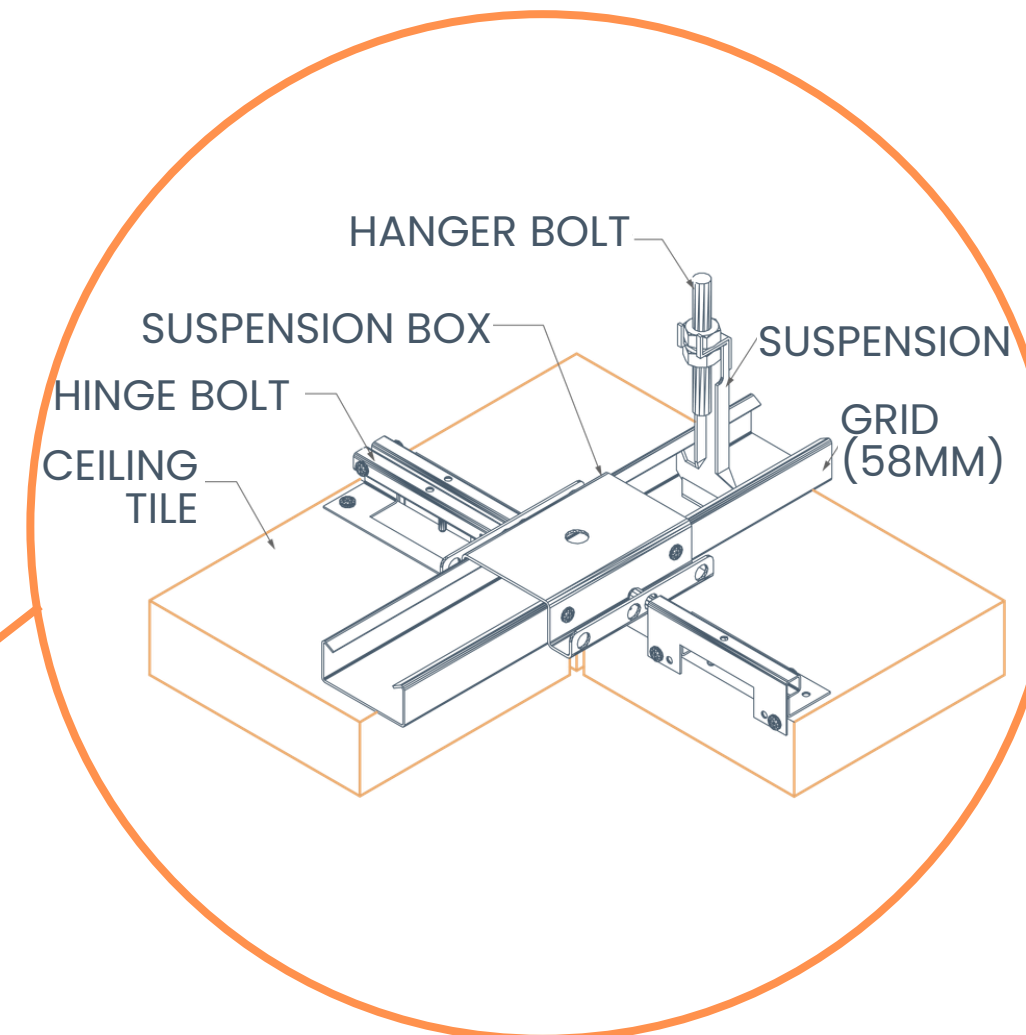
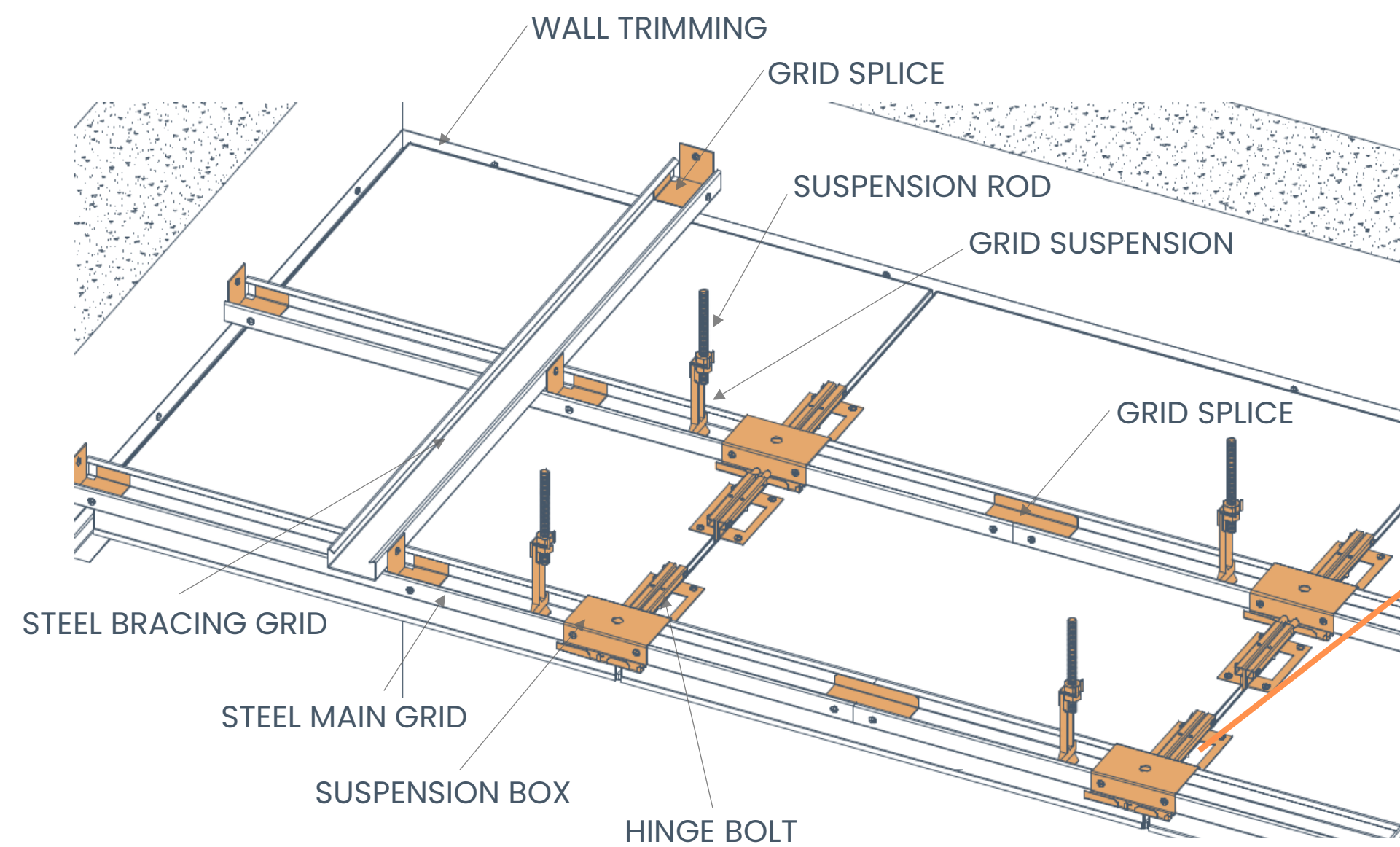
AcuERA - C



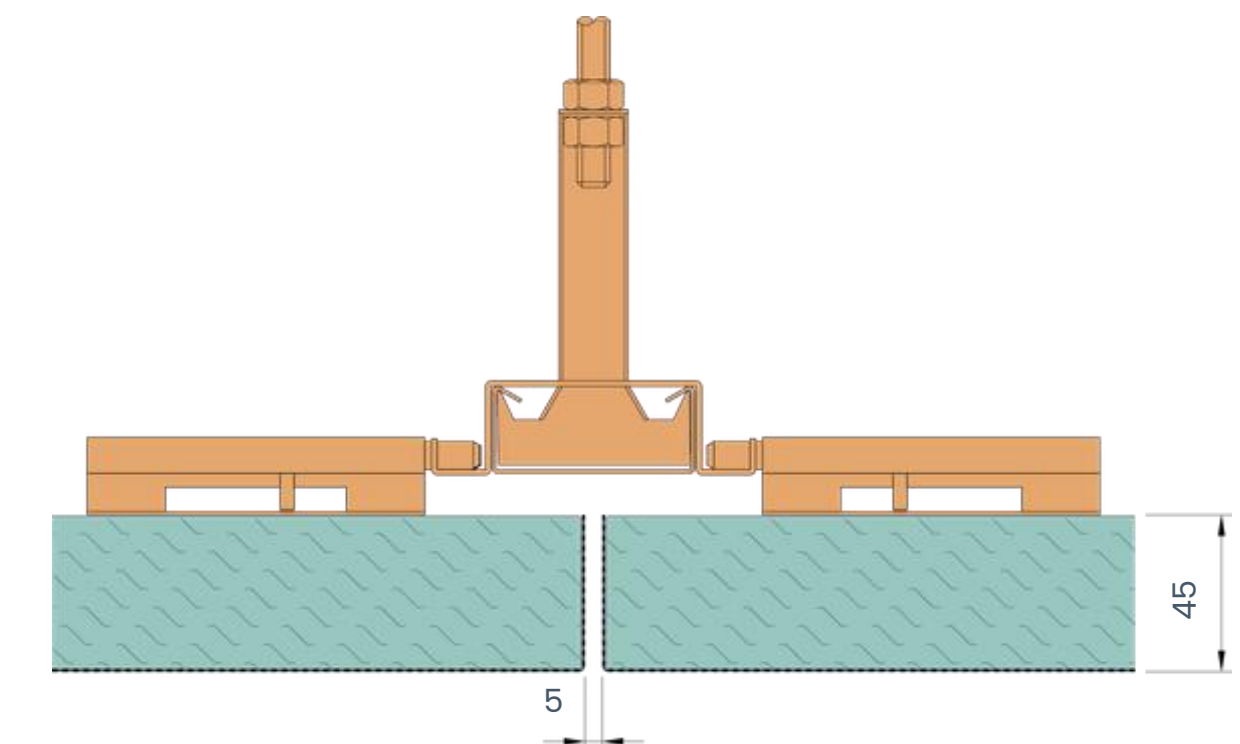
TYPICAL DETAILS

AcuERA - C

Perspective View

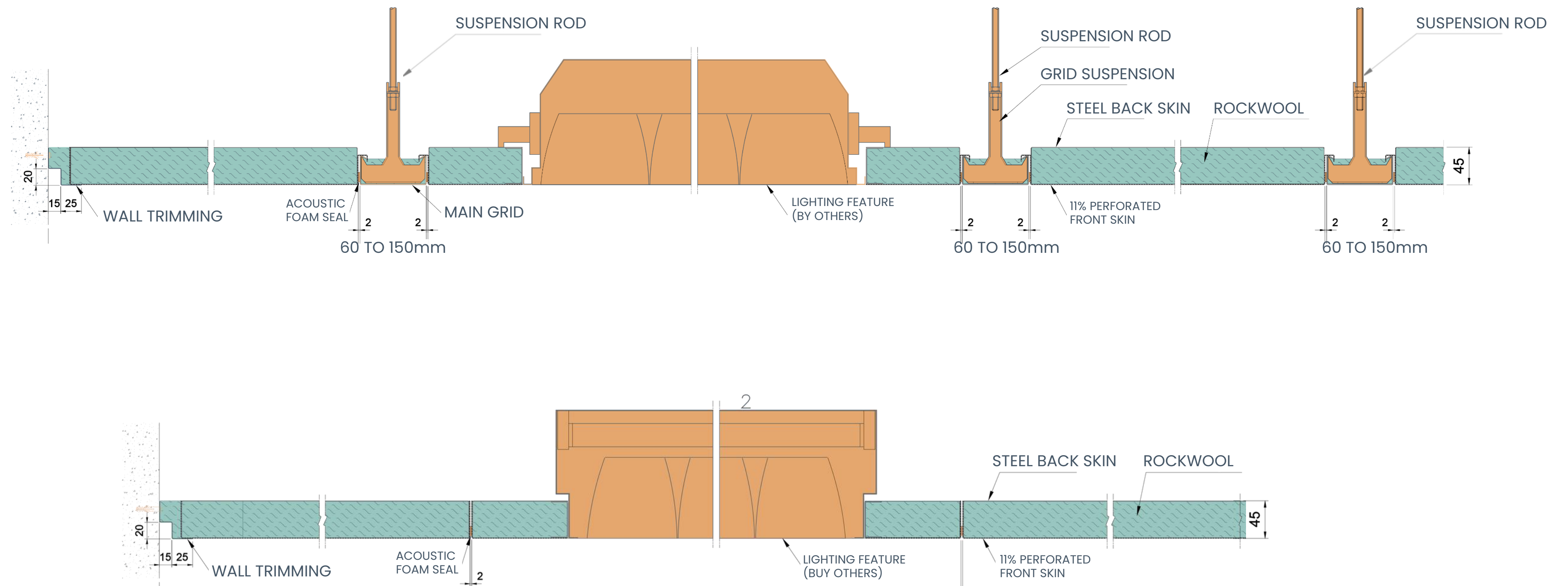


Ceiling Grid



TYPICAL DETAILS

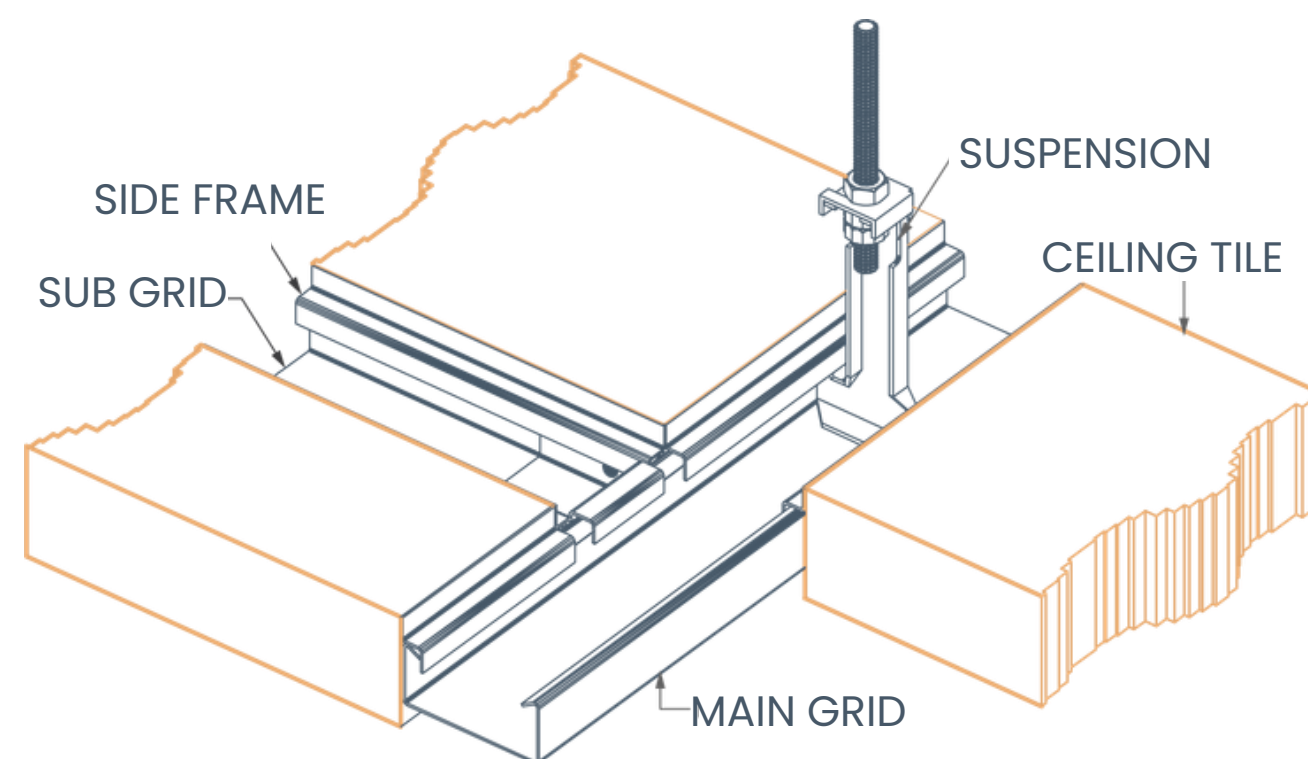
AcuERA - L



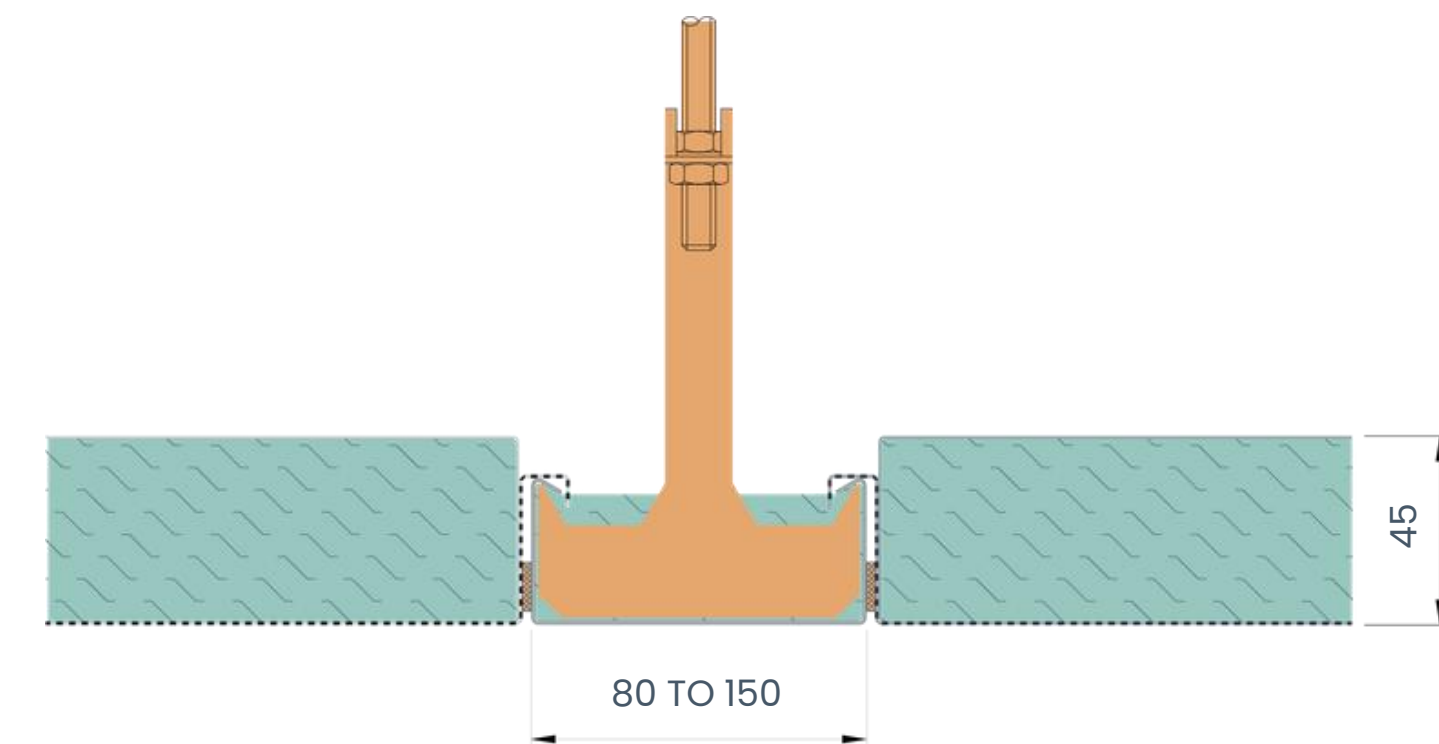
TYPICAL DETAILS

AcuERA - L

Perspective View



Ceiling Grid





FINISHES

AcuERA

SOLID COLORS

R9003	R9104	R7183
R7100	61900	72775
77659	R7099	41426
21879	R3018	

TEXTURE COLORS

12838	75904	61668
76606	61566	51098
76089		

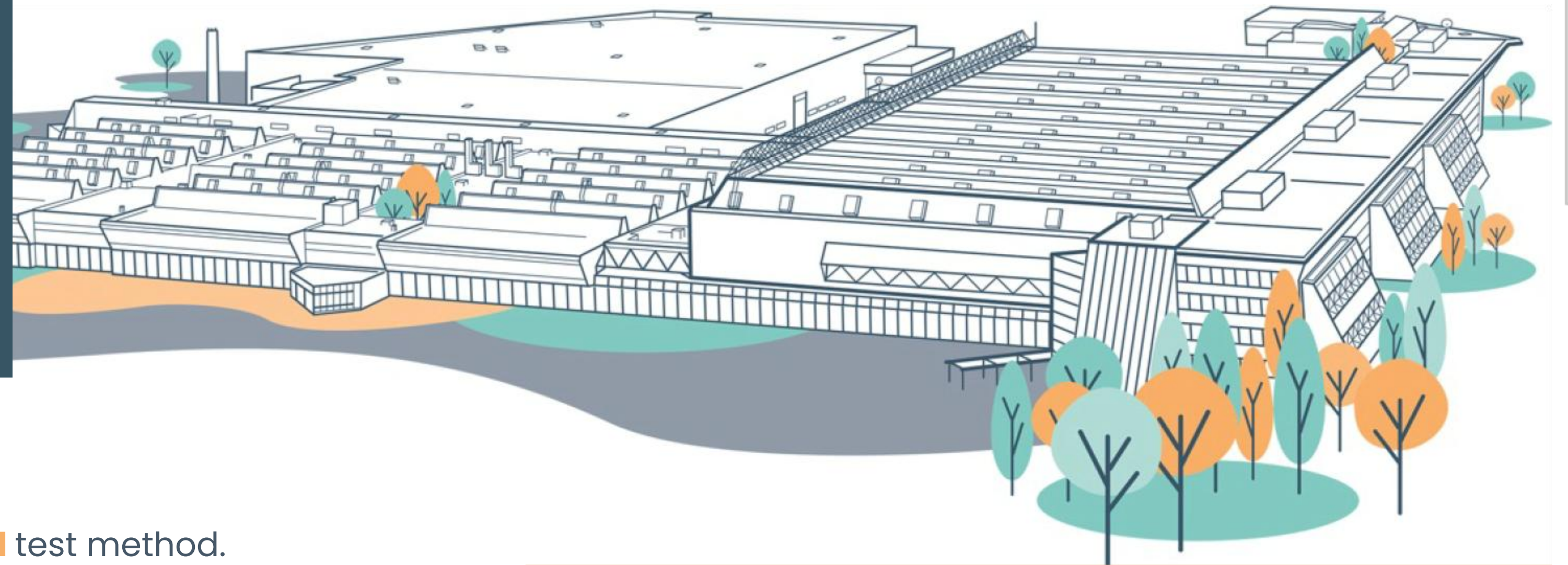
METALLIC COLORS

90680	R9906	92385
76569	R7048	91471
R1035	92151	61199
91777	60677	92153



Click [here](#) to see More options:

GENERAL PRODUCT INFORMATION & MANUFACTURING



FIRE RESISTANCE

Certified Semi non-combustible as per **ISO 5660-1** test method.

PAINT SURFACE TREATMENT

The surface is treated with an oven-baked, polymerized polyester powder coating. This finish is scratch-resistant and offers protection against minor impacts and ultraviolet light.

VOC/TVOC EMISSIONS

Certified **0.005 mg/m² H** TVOC emissions. (Test method: **KS I ISO 1600-9: 2006**)

MANUFACTURED

Manufactured in **ISO 9001, 14001**, and **KOSHA-MS** certified factory.



SERVICES

Our teams can work in occupied spaces or perform layout modifications over the weekend to optimize your space occupancy and minimize downtimes.

Your assets can be reused and relocated at will. Enjoy the best of circular construction to improve your carbon footprint.

OFFICE LOCATIONS

Clestra Korea

11F, DMC Digital Cube Building, 34
Sangamsan-ro, Mapo-gu, Seoul
03909 Korea

Clestra China

No3 factory, No.199 Wuyang Road,
Chengxiang Town, Taicang City,
Jiangsu Province, China 215400

Clestra Japan

Akasaka HM Bldg.3F 3-7-13 Akasaka,
Minato-ku Tokyo 107-0052 Japan

Clestra Hong Kong

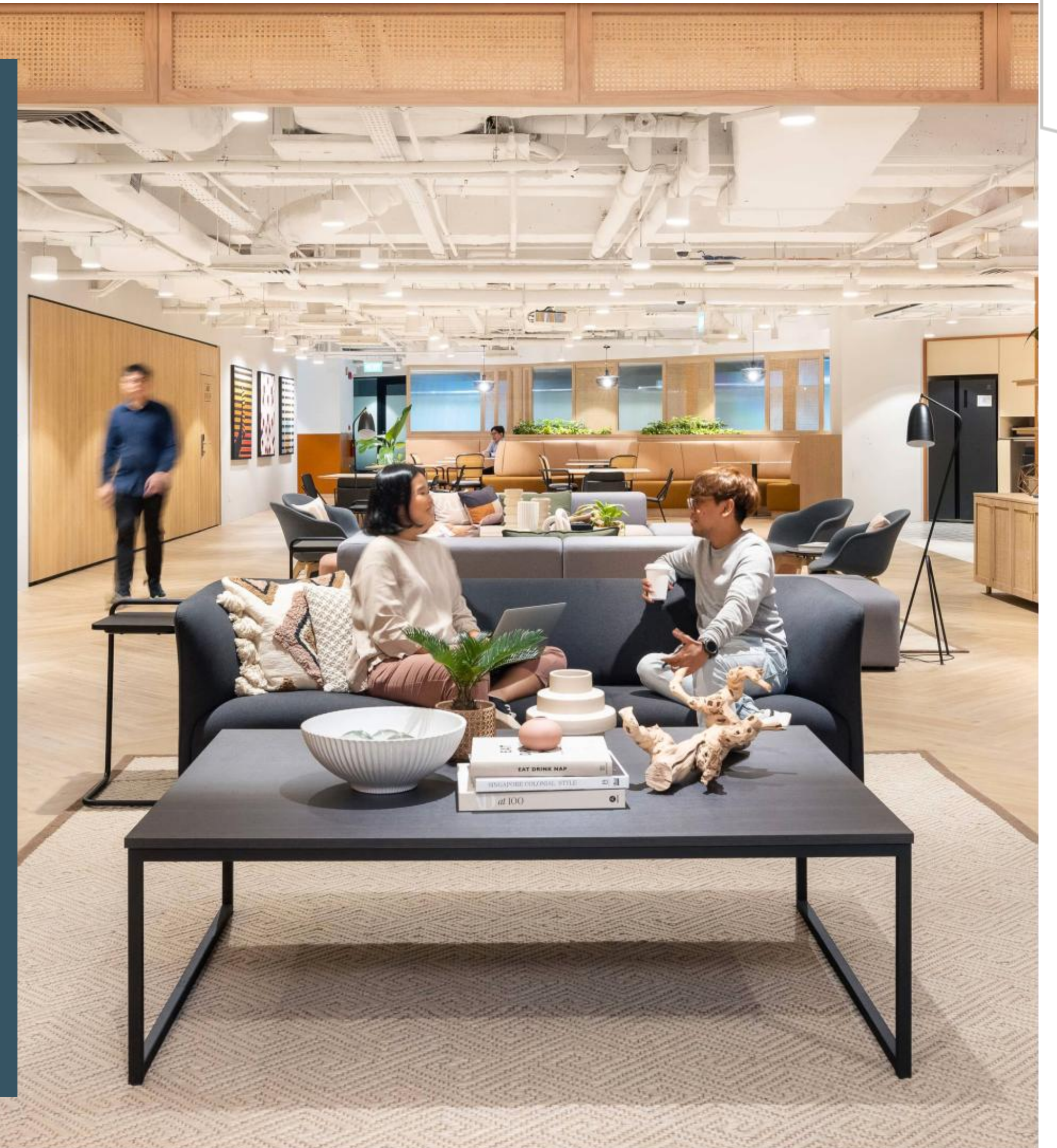
Suites 1302, 13/F, 1063 King's Road,
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Lebar Square Lobby 1
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Dist-Pune 410501, India





SHAPING ALL FUTURES

Build today to thrive tomorrow

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