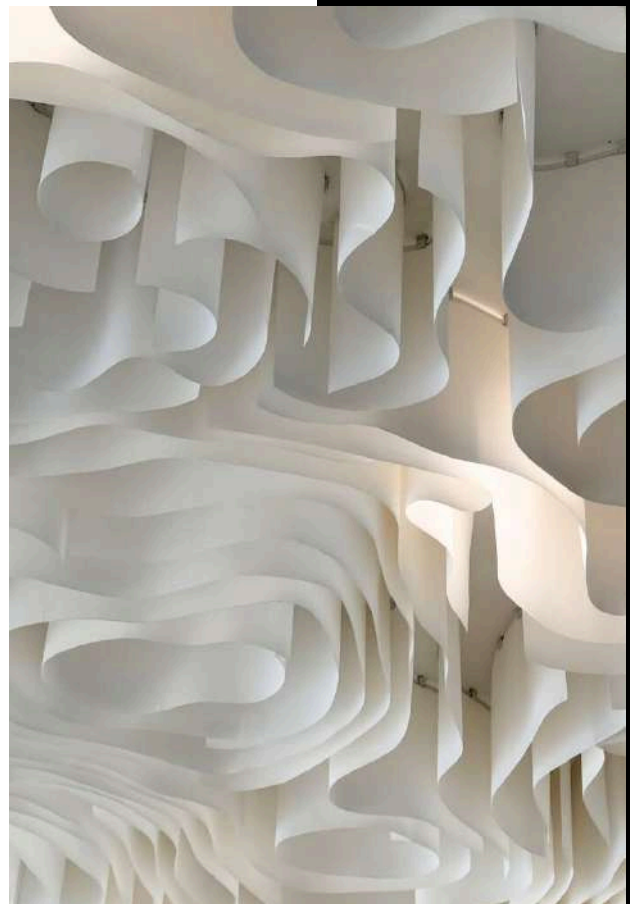
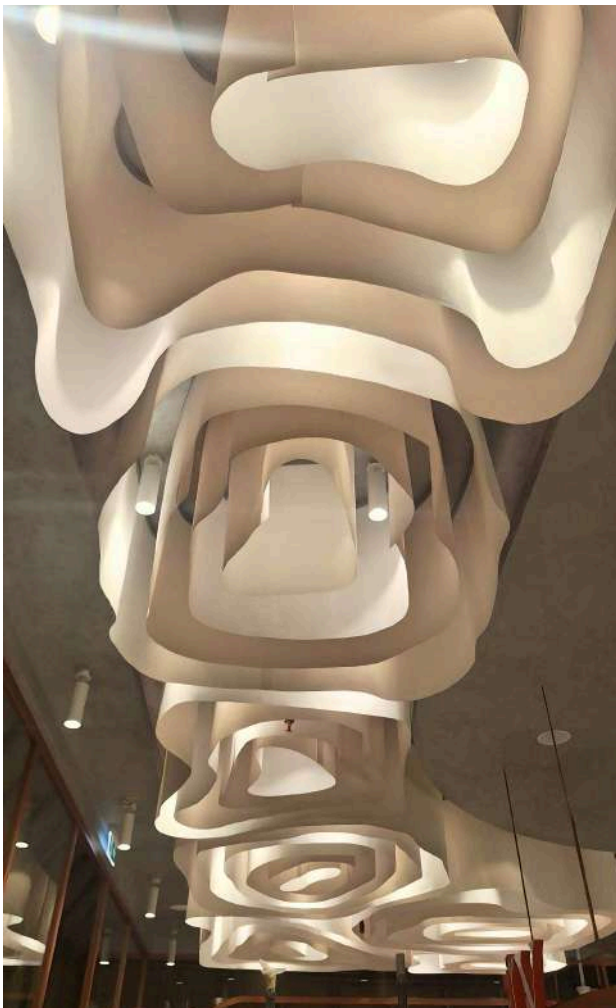




STRETCH CEILING
MASTERS

WAVEY ACOUSTIC CEILING TECHNICAL DATASHEET



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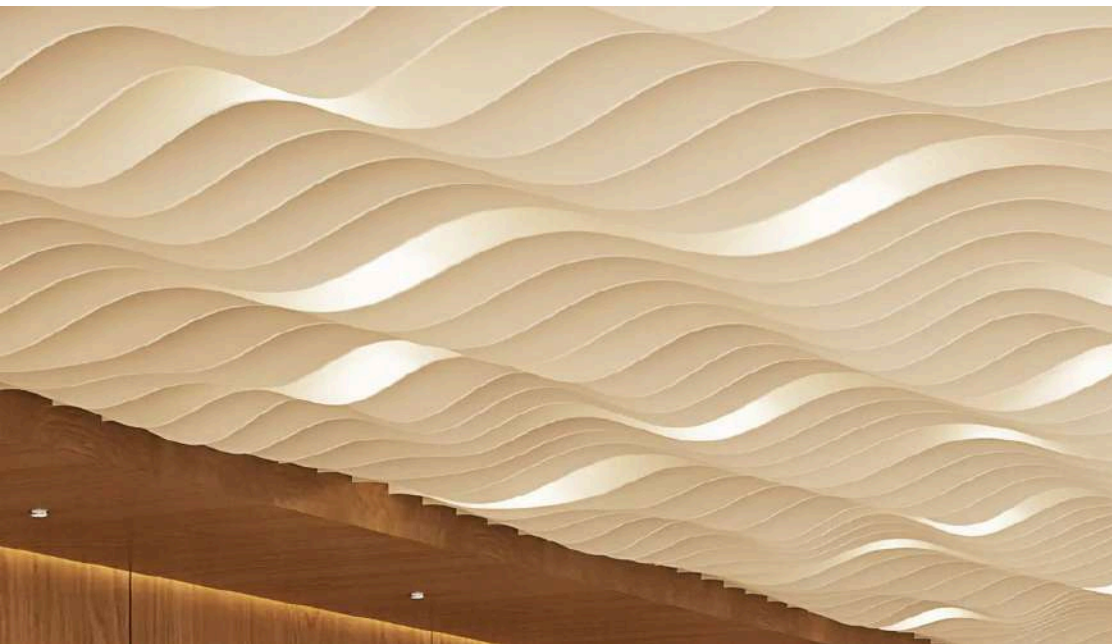
The Wavey Acoustics Ceiling is an architectural ceiling solution designed to harmonize geometry, rhythm, and scale with the spatial proportions of modern interiors. Its flowing wave form is carefully developed to complement lobby environments and guide natural movement through the space, enhancing both visual continuity and user experience.

Manufactured using high-quality German acoustic fabric, the system delivers exceptional sound absorption and long-term structural stability. The material is PVC-free, flame-resistant, and water-resistant, ensuring compliance with safety standards while maintaining durability.

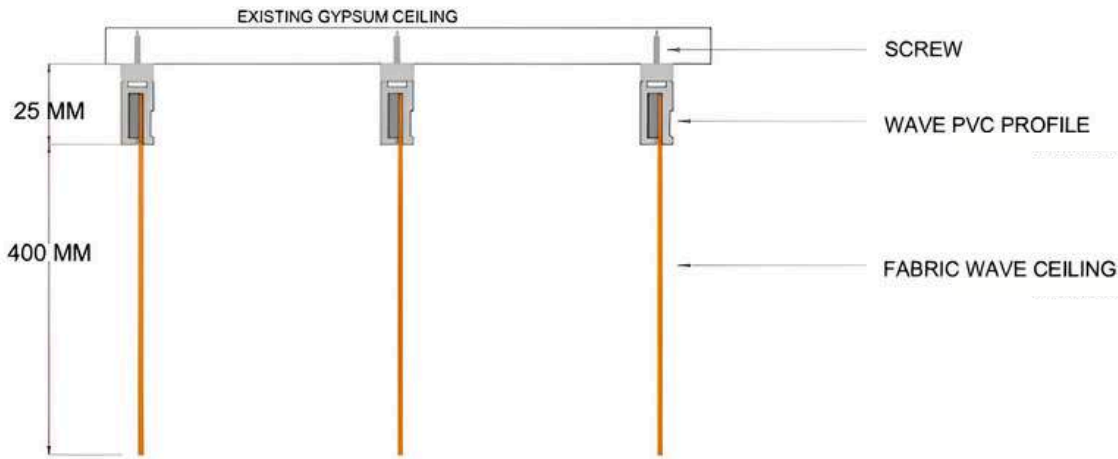
It does not fade over time and retains its form, making it ideal for complex public interiors and high-traffic environments.

Each Wavey Acoustics Ceiling installation is custom-engineered to meet specific project requirements. From concept development and technical detailing to production and installation, every stage is executed by our experienced team to ensure precision and quality.

More than a decorative feature, the Wavey Acoustics Ceiling serves as a comprehensive architectural solution and defining atmosphere, enhancing acoustic comfort, and establishing the identity of the interior space.



WAVEY ACOUSTICS CEILING PRODUCT INTRODUCTION



Dimensions

- **Fabric Module Depth:** The standard vertical length of the fabric hanging down is 400 mm. However, the document notes this is a "Project-specific configuration," meaning it can likely be customized to be shorter or longer depending on your design needs.
- **Profile Height:** The PVC track that holds the fabric adds an additional 25 mm to the total height of the assembly.

Technical Components & Installation

The Section diagram illustrates how the system is mounted to an existing structure. Here is the step-by-step technical logic

- **Substrate:** The system is designed to be installed onto an Existing Gypsum Ceiling.
- **Fastening:** Screws are used to secure the tracks directly into the gypsum or the internal framing above it.
- **Wave PVC Profile:** This is the structural "track" (manufactured by Stretch Ceiling Masters). It acts as the anchor point for the fabric. These tracks are spaced apart to create the "wave" effect.
- **Fabric Wave Ceiling:** The fabric is inserted into these PVC profiles. Because they are flexible, they hang vertically, creating a clean, architectural line.



Integration Of LED with the PVC Profile

- **Placement:** The LED strips are installed within or directly alongside the Wave PVC Profile.
- **Housing:** Because the PVC profile has a height of 25 mm, it creates a natural "channel" that can house a slim LED strip, keeping the light source itself hidden from direct view.
- **Adhesion:** The flexible LED strips are typically adhered to the side or the top of the PVC track before the fabric is inserted.



Lighting Effect

- **Indirect Glow:** By placing the LED at the very top of the 400 mm fabric module, the light grazes the top edge of the fabric and reflects off the gypsum ceiling.
- **Halo Effect:** This creates a "halo" or "glow" that emphasizes the gap between the wave and the ceiling, making the heavy fabric modules appear as if they are floating.
- **Diffused Output:** The fabric itself helps diffuse the light, preventing harsh glares and creating the soft, warm ambiance seen in the finished photos.



TECHNICAL DETAILS



STRETCH CEILING
MASTERS



COMPLETED PROJECT



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