

## Stretch Ceilings - Lighting Specification By Stretch Ceilings Ltd

### Detailed Description

#### Features:

- System comprises of two components - A perimeter track and lightweight fabric membrane.
- Ceiling manufactured from roll material bespoke to ceilings height and shape.
- Additional to Ceilings the system can be used for Wall Coverings, Light Diffusers, Floating Panels, Exhibitions, Creative 3D Shapes, Domes and Vaults.
- Materials properties allow multiple ceiling removal and re-installation for access.
- Incorporation of all types of light fixtures, grilles and fixing points by the use of a proprietary background support.
- Excellent Transmittance for Light Diffusion, Backlighting (LED, Cold Cathode, and Fibre Optic) and projection.
- System is entirely waterproof, washable, and impermeable to vapour making it useful in areas with high humidity, such as above pools/spas.
- Surface accepts any printed image or graphic, and can also be painted.
- Can be designed to provide sound absorption/control without compromising the cosmetic look of the project.

#### Material:

- 0.2mm thick PVC (Polyvinyl Chloride) based membrane.
- Membranes connected by Micro-Seams (Factory Ultrasonically Welded).
- Ultrasonically Welded Edge Harpoon fits securely in Track.
- Semi-Concealed Perimeter Track of Anodised Aluminium or Matt White/Black PVC.

#### Installation:

- Stretch Ceiling Perimeter Track is fixed into place at the designated height.
- The Stretch Ceiling is stretched and installed into the Perimeter Track
- Installed by directly employed and experienced Stretch Ceiling Staff.

#### Profile:

- Profile as indicated on drawings.
- Shapes and forms to be within Stretch Ceilings Ltd guidelines.

#### Support System:

- Typical suspension for Double Rail using galvanised MF system or equivalent.

#### Guarantee:

- Product guaranteed for 12 Years from installation against seam and harpoon manufacturing defects.
- 2 Years for Colourfastness under normal use (Excludes Translucent Finish).

### Product Guidance - As Standard

#### Standards:

- BS1 d0 (Equivalent to UK Class 0 Fire Rating) in accordance with EN13501.1.
- BS3177 Water Impermeable (Equivalent to NF EN 147164.1.3).
- AIS OGV (Ongoing Contractor Vetting) Compliant.
- Full CE Certification - European produced.
- 100% Recyclable.
- Non-Toxic.

#### Light Reflectance and Transmission:

<u>Colour / Finish</u>	<u>Reflectance %</u>	<u>Transmission %</u>
White Lacquer	78.8	9.6
White Matt	81	9.8
Translucent	39.2	74.9

## Stretch Ceilings Ltd

### London Office

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#### Sheet/Panel Size:

- Panel width before seam join 1.5m - 2.5m.
- Panel area maximum 50m<sup>2</sup>.

#### Product Specification - Options

##### Finishes:

- Translucent
- Acoustic MicroSorber with 0.1mm perforations (250,000/m<sup>2</sup>), available in Crystal White (Translucent) finish.

**Colour:** Cristal Blue, Cristal, Cristal White, Cristal Moon, and Cristal river. (Specify from Colour Card)

##### Track Sections:

- Anodised Aluminium (Types - B1L, A1F, S1D, O1i, J1M, UN1, TOB1, RU5, LI5, GU5, JO5).
- Matt White and Black PVC (Types - J4N, S4L, P4M, F4Y, J4K).

**Frame Sections:** Anodised Aluminium/PVS Semi-Concealed Framing Section.

**Harpoon:** Matt White and Black.

#### Supplier/Installer:

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