



The Innovative System for Unique Ceilings

Available exclusively through SIG





Leaders in the Design & Installation of Beautifully Crafted Stretch Ceilings

The unique Stretch Ceiling system offers creative freedom for an added dimension to your interior ceiling designs. The versatile tracking system allows the ceiling to be installed as a simple flat ceiling or in varying forms such as pitched, curved, vaulted, domed and circular. This distinctive system is available in over 70 colours and a choice of textures giving the ability to create clean and cool or loud and colourful ceiling features and lighting effects.

SIG Interiors

The Stretch Ceilings system is exclusively available through the SIG Interiors nationwide distribution branch network.

SIG Interiors is the UK's leading specialist supplier of interior fit-out products to the construction and specialist interiors industries with the widest range of high quality interior products for all commercial market sectors.





The Modern & Stylish Stretch Ceiling System

The system provides functionality and material performance in the most suitable fashion to complement the surrounding environment. It has been used extensively within the UK and worldwide in installations of all types including:

- Office Environments
- Pools & Spas
- Exhibitions
- Bars & restaurants
- Retail & leisure
- Shopping malls
- Museums & galleries

We offer full training on design, specification, installation through to aftercare and we are always available for further advice and support. From there you have all the knowledge you need to offer your clients this innovative ceiling system and installation service.



Versatility

Stretch Ceiling is a suspended ceiling system consisting of two basic components – a perimeter track and lightweight fabric membrane which stretches and clips into the track. In addition to ceilings the system can be used for wall coverings, light diffusers, floating panels, exhibitions and creative shapes.

The system allows for the incorporation of all types of unique applications including:

- **Illuminated panels**
- **Fibre optic stars**
- **Acoustic solutions**
- **Image applications & branding**
- **Lightpod & illuminated panel systems**

Track

Typically the aluminium or PVC semi-concealed track is the preferred choice for most architects and designers, enabling curves, domes, vaults and many other shapes to be formed with ease.

Construction

Our fabric material is a 0.2mm thick PVC based fully recyclable stretch membrane. The material comes in a vast array of colours and finishes including matt, satin, lacquer (mirror like), metallic, perforated and translucent for lighting diffusers, backlighting & projection. The material can be printed or painted for additional effects and is entirely waterproof, washable and impermeable to vapour.

The lightweight sheets are purpose made from roll material to form any shape and size typically up to 50 square metres in one piece. Each panel incorporates an ultrasonically welded 'harpoon edge' which clips into the track.

Technical Information for Typical Stretch Ceilings

Maximum Recommended Square Metre Size Per Sheet on Aluminium Tracks

Matt – 50 m²/Satin – 50 m²/Lacquer & Metallic – 50 m²/Translucent – 50 m²

Weight per m²

Matt/Translucent – 0.18kg/Satin – 0.17kg/Lacquer & Metallic 0.17kg

Acoustic Properties

ISO 354:2003 – 100mm VOID

Absorption coefficients guide for typical installation using stretched materials with minimum 40mm insulation above.

Standard Non Perforated	B					
Frequency (HZ)	125	250	500	1k	2k	4k
Absorption Coefficient	0.27	0.71	0.80	0.40	0.23	0.11

Perforated 250,000 holes/per m ²	A					
Frequency (HZ)	125	250	500	1k	2k	4k
Absorption Coefficient	0.27	0.74	0.92	0.67	0.58	0.43

Thermal Emission Factor NH/PTH

Matt – 0.16/Satin 0.16/Lacquer & Metallic – 0.15

Thermal Emission Factor ESPIL

Matt 0.84/Satin 0.84/Lacquer & Metallic – 0.85

Antistatic

Typical average for Lacquer – 4.10 at 11ohms

Light reflectance and transmission		
Colour/finish	Reflectance %	Transmission %
White Lacquer	78.8	9.6
White Matt	81	9.8
Translucent	39.2	74.9

Fire Rating

Awarded new Euro classification to: EN13501-1, Rating: B S1 d0, UK Equivalent to Class "0" designation for building regulations.



Vapour Barrier

Stretch has gained awards from the Swimming Pool and Allied Trades Association - Water Vapour Permeability Tested To BS 3177

Hygiene Typical Microbiological Trial

14 Days - chlorinated solution wipe after 7 days - inoculated Bacterium - E.Coli, Listeria, Salmonella, Yeast, Mould - NONE DETECTED.

General

Ceiling sheet thickness nominal 0.2mm and is manufactured in roll form with ultrasonic flush welded joints starting at approx 1.5m centres. Plastic track can be heat bent to match curved profiles. Aluminium track is anodised to 20 microns with a serrated type to create curved profiles or to form three-dimensional shapes, domes or vaults.

Air Movement

All air handling within the installed area must be balanced to prevent ceiling movement and possible damage for pools. Handling equipment should not be run with covers off during servicing.

Cleaning

Use non-abrasive cleaners and polish with an evaporating cleaner to remove any streaks.

Stretch Aid

Stretch Ceilings prides itself on its dedicated maintenance and aftercare workforce, specialising in all Stretch Ceiling products.

Installation

Track is screwed (& plugged) to supplied surfaces which should be rigid and true. Plasterboard should be skimmed and have a background member within, to take 12-15kg per linear metre tension. The jointing double track can be suspended using timber or MF metal studwork. Installation of the sheet requires raising of air temperature to approx 100oF/38oC using propane gas heaters by us albeit the site should be heated in winter. All adjustments and apertures for lighting, ducts and pipework are made on site. Silicone sealed tracks can achieve impermeable barrier, as required for swimming pools and asbestos containment etc. Decorated walls must have 1st coat applied and tiled walls must be grouted before tracking. Wall coverings should be applied after tracking. Care should be taken by other trades once the panel is installed to prevent damage and the area/void should be clear of all obstruction. As the product is a fabric material a minor deflection may be apparent in some panels, it is advisable to have a minimum gap above doors etc of 100mm. We can accept no responsibility for any effects achieved.



For full technical advice and support, please contact your local SIG Interiors stockists.

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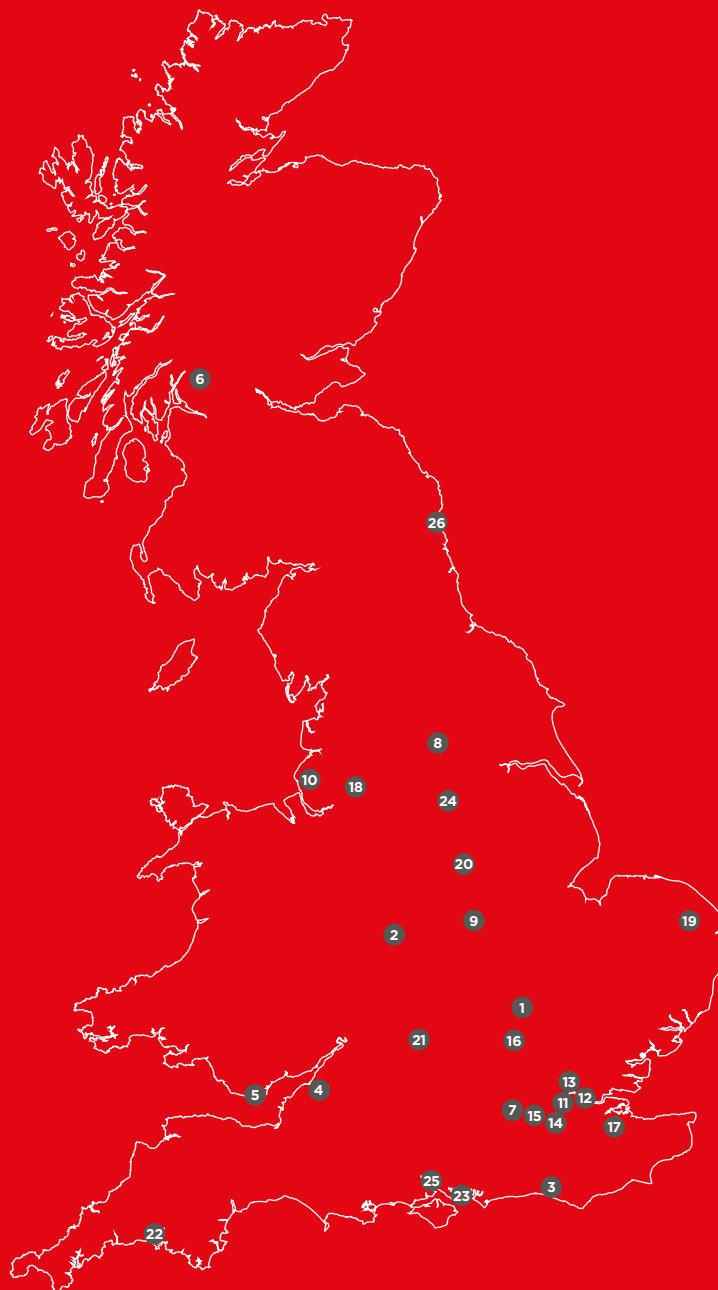
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