

RIPPLE CEILING, OFFICE · LONDON, UK

Fabric interiors

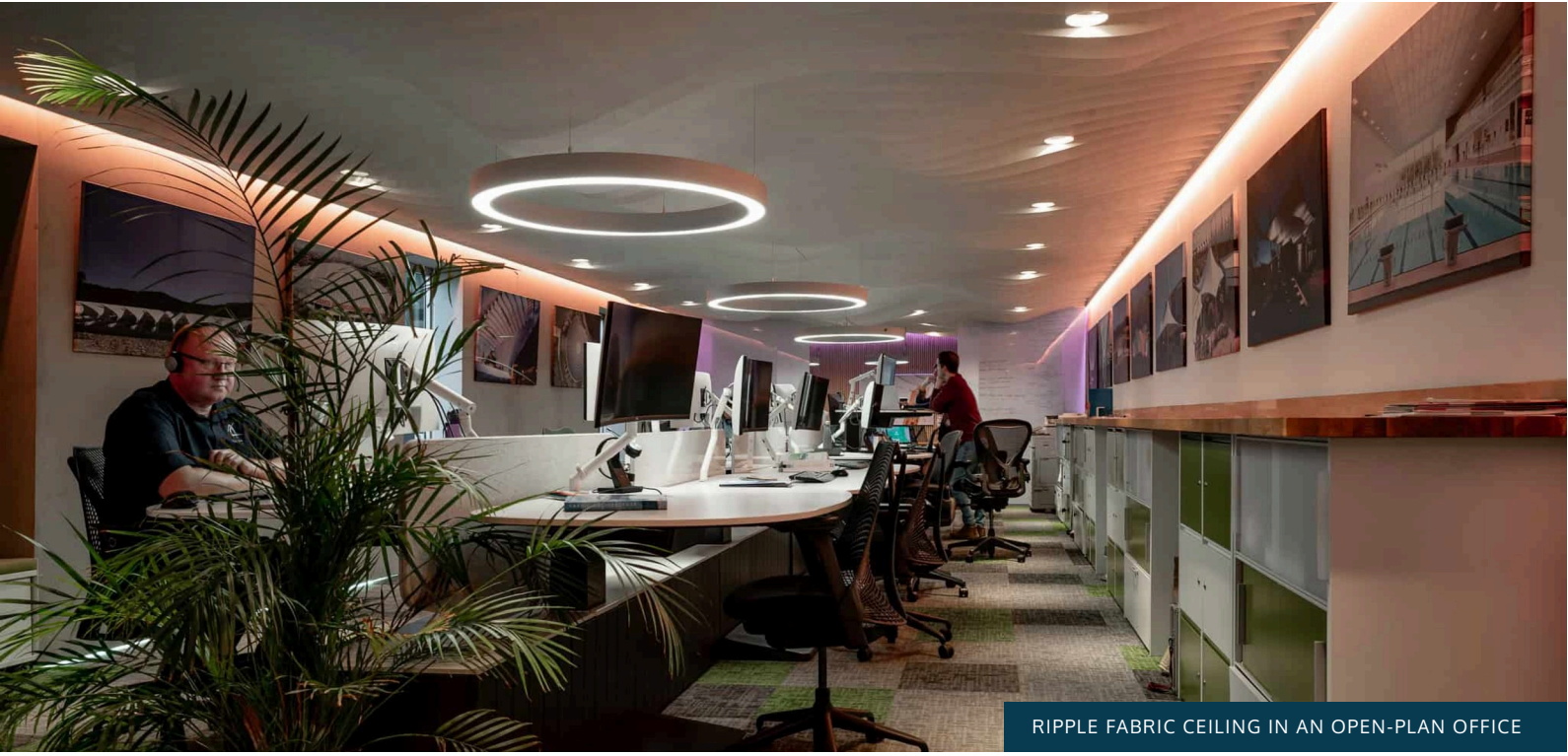
# Ripple fabric ceiling

A retrofit ceiling of fabric fins that turns a plain ceiling into a soft, rippling feature, hides services and softens echo. Made as a kit in our factory in Chepstow, UK, and fitted with little disruption.

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INSPIRE · INNOVATE · PERFORM

ARCHITEN LANDRELL



RIPPLE FABRIC CEILING IN AN OPEN-PLAN OFFICE

Who we are

# Tensile fabric and ETFE structures, designed and made in the UK

Architen Landrell designs, engineers, fabricates, installs and maintains tensile membrane structures. Since 1983 we have built roofs, canopies and fabric interiors on six continents, including Ripple, our own retrofit fabric ceiling, for offices, meeting rooms and public spaces.

We work hand in hand with architects, interior designers and contractors, from the first sketch to handover. Every Ripple fin is cut and prepared in our own membrane factory, and the whole ceiling is delivered as a kit made for your space.

### Inspire

We draw on our experience, other industries and the natural world to create inspiring designs.

### Innovate

We challenge existing ways of doing things to push boundaries, improve structural and environmental performance, and make the seemingly impossible possible.

### Perform

We deliver high-quality products that meet the design and performance requirements of every project.

**1983**
founded in Chepstow, South Wales

**6 continents**
where our structures stand

**2,000 m²**
of production space in our Chepstow factory

**In-house**
design, engineering, manufacture, installation and maintenance



RIPPLE CEILING IN AN OPEN-PLAN OFFICE

Overview

# What is Ripple?

Architen Ripple is a fabric ceiling we designed to go into an existing building with little disruption. Fabric fins slide into slim aluminium sections fixed to the ceiling above, and together they form a rippling, cloud-like ceiling below it.

It changes how a room feels: a plain or untidy ceiling becomes a soft, sculptural feature, services disappear from view, and mesh fins take the edge off echo. No two Ripple ceilings are the same, because each one is designed for its room.

## Retrofit
fixes to any existing ceiling system

## Kit of parts
made off site in our Chepstow factory

## Hand tools
to fit, with no specialist labour needed

## Lift-out
fins give access to the services above

## Bespoke
footprint and wave designed for each room

## No upkeep
no ongoing maintenance; parts easy to replace

### Why Ripple · a feature ceiling that also does practical jobs

#### Little disruption
Made off site and fitted quickly with hand tools, so offices and public spaces can stay in use around the work.

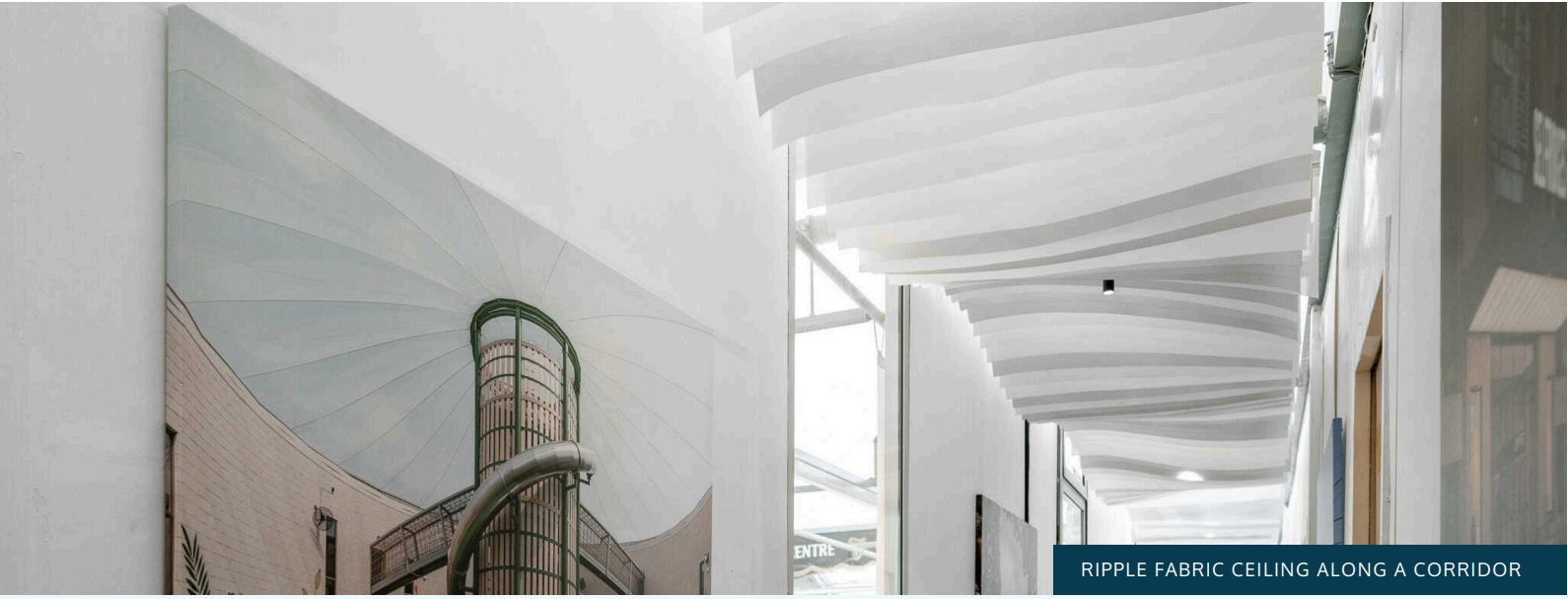
#### Hides the ceiling
Screens a plain plasterboard ceiling, ducts and cables, while the layout works round existing lights and smoke alarms.

#### Softer sound
Mesh fabrics soften echo in offices, meeting rooms and concourses, so a busy room feels calmer.

#### Made to be lit
A colour wash round the edge, or light on individual fins, gives the whole ceiling a soft glow.

#### Your colour, your brand
The layout, size and colour of the fins can form a logo, a shape or an image.

#### Low cost over its life
No ongoing maintenance, and any single part can be replaced easily if it is ever damaged.

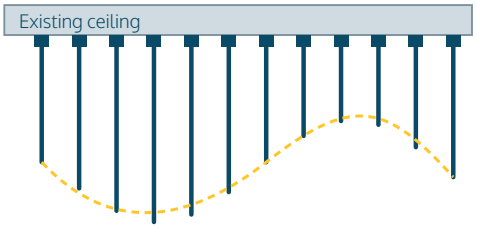


RIPPLE FABRIC CEILING ALONG A CORRIDOR

## How it works

# Fins, sections and a wave made for your room

### Section through a Ripple ceiling



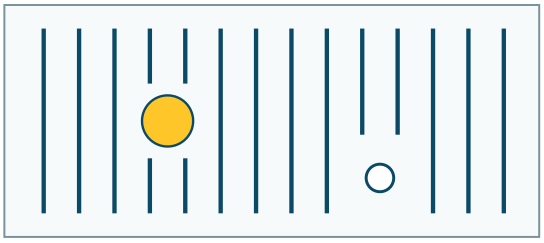

Slim aluminium sections fixed to the ceiling

Fabric fins slide into the sections

**The wave profile is set for the room**

Each fin is cut and prepared in our membrane factory, then the ceiling arrives as a kit made for the space.

### Plan: laid out round what is already there



Light fitting  Smoke alarm

The sections are arranged round existing lights, smoke alarms and services, so the ceiling above stays as it is.

### Fabrics for Ripple fins · our engineers will recommend one for your space

| Fabric | What it is | How the space feels |
|---|---|---|
| **PVC polyester mesh** | An open mesh that can be cut to almost any fin shape | Light and airy, with a soft moiré effect as you move, and less echo |
| **PVC polyester** | Solid fabric in white or colours | A crisp, sculptural surface that takes light and colour well |
| **PVC glass mesh** | A glass-fibre mesh that lets air through | Quieter rooms where acoustics matter most |
| **Silicone glass** | A bright white glass-fibre fabric, also made in colours | A clean, bright ceiling that reflects light softly |

The fire class depends on the fabric chosen: we propose fabrics that meet the rating the space needs.

Light and sound

# Designed to be lit, and to soften sound

The fabrics we use reflect light into a soft glow, so Ripple works beautifully with lighting, whether it washes the whole ceiling or picks out individual fins.

### Colour wash

Lights round the perimeter wash across the fins, and can change colour through the day.

### Lit fins

Individual fins can be lit, so the light follows the shape of the wave.

### Lights between the fins

Halo rings and pendants can hang between the fins, so the light sits within the wave.



## A wash of colour

**RIPPLE IN A MEETING ROOM**

Coloured lighting round the edge of a meeting room washes across the fins and picks out the shape of the wave.



## Light on the wave

**RIPPLE WITH HALO LIGHTING**

A halo ring hung between the fins catches every curve, so the ceiling changes as you move through the room.

Acoustics

## A calmer room, without losing the light

Hard ceilings, glass and plaster reflect sound, so busy rooms echo. Interior architectural mesh fabrics bring a good level of acoustic performance, so a Ripple ceiling softens that echo.

- Meeting rooms and open-plan offices
- Receptions and breakout spaces
- Large concourses and public areas

RIPPLE CEILING, OFFICE · LONDON, UK

Featured project

# A cloud-like ceiling for a London office

In 2020 we installed a Ripple ceiling in a London office: a series of suspended fabric fins that together form a sculptural, cloud-like ceiling below the existing soffit.

The fins are PVC polyester fabric. The length, depth and curve of each fin were set for the room and the way it is used, so the ceiling rises and falls across the space.

The whole ceiling was made off site and supplied as a kit. Fitted with hand tools and without specialist labour, it went in quickly, and it turned a plain office ceiling into an architectural feature while staying a simple, lightweight installation.

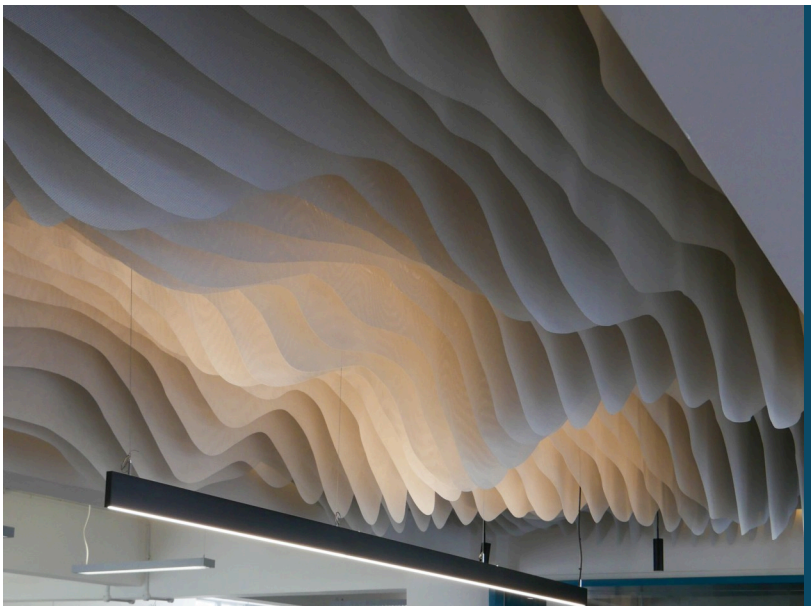


**2020**
year the ceiling was installed

**Kit of parts**
made off site, fitted with hand tools

| | |
|---|---|
| Fins | PVC polyester fabric |
| Fixing | Slim aluminium sections on the existing soffit |
| Form | Fin length, depth and curve set for the room |
| Maintenance | None ongoing; parts replaceable |

# A ceiling as individual as your space



## Designed for the room, the use and the brand

**EVERY RIPPLE CEILING IS DIFFERENT**

We design each footprint and wave profile to fit your space, the way it is used and any performance needs, so no two fins, and no two ceilings, are the same.

The layout, size and colour of the fins can form a logo, a shape or an image, and the lighting can be built in from the start. We work through the design with you, then make the whole ceiling as a kit in our factory.

## Planning and specifying Ripple · the questions our engineers will ask, or we can guide you

### 01
**What is the space for?**
An office, meeting room, reception, concourse or shop, and how it is used through the day.

### 02
**What is above?**
The existing ceiling the sections fix to, and the height of the room.

### 03
**What needs access?**
Lights, smoke alarms and services, so we can plan the layout round them.

### 04
**Footprint and form**
The area to cover and the feel you want, from a gentle ripple to deep waves.

### 05
**Colour or a logo**
White, a colour, or fins laid out to form a logo, a shape or an image.

### 06
**Lighting**
A perimeter colour wash, lit fins, or lights hung between the fins.

### 07
**Sound and fire**
Any acoustic target and the fire rating the space needs, which set the fabric.

### 08
**Timing**
When the space can be worked in, including out-of-hours fitting.

**Specification**

## Architen Ripple System

H90 clause available. Our team will guide you through the fabric options.

| | |
|---|---|
| Product | Architen Ripple System |
| System manufacturer | Architen Landrell Manufacturing Limited |
| Size and form | As per architect's drawings |
| Fabric | To be confirmed with Architen Landrell |



RIPPLE CEILING IN AN OPEN-PLAN OFFICE

Ripple questions

# Frequently asked questions

## Can Ripple go into an existing building?

Yes. It is made off site as a kit, fixes to any ceiling system and is fitted with hand tools by non-specialist labour, so there is little disruption.

## What about lights, smoke alarms and services?

The layout works round them. Fins lift out for wider access to the ceiling above, then go back without specialist labour.

## Does Ripple help with acoustics?

Yes. Mesh fabrics soften echo, which suits meeting rooms, open-plan offices and concourses.

## Can it carry our colours or logo?

Yes. The layout, size and colour of the fins can form a logo, a shape or an image, so every Ripple ceiling is different.

## Can Ripple be lit?

Yes: a colour wash round the perimeter, light on individual fins, or lights hung between the fins.

## What maintenance does it need?

None on an ongoing basis. If a part is ever damaged, it can be replaced on its own.


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