



**Kaynemaile®** is perfect for equipment and enclosure screening - it is extremely lightweight and has great airflow characteristics as well as superior aesthetics compared to traditional screening materials such as louvres or perforated panels.

Kaynemaile's light weight and ease of handling make it ideal for rooftop applications where a low static load is a necessity and where installations can be challenging.

Kaynemaile's 3-dimensional properties and colour choices make it a stand-out solution in a market dominated by rigid louvers and metal panel products. With our unique manufacturing process Kaynemaile mesh can be manufactured as large single pieces - meaning less subframe and structural elements are required.

### Features

**Weight:** 0.6lbs/ft<sup>2</sup> (3kg m<sup>2</sup>)

**Sizes:** Unlimited in height and width.

**Colour palette:** Our mesh comes in a range of solid colours. For colour range visit [www.kaynemaile.com/kaynemaile-colour-palette](http://www.kaynemaile.com/kaynemaile-colour-palette)

**Supplied hardware:** Our mesh screens are supplied with mesh and our simple fixing system to suit your subframe.

### Hanging system

Our mesh screens utilize our 0.5in (12.7mm) stainless steel tube at the top and bottom and our 0.9in wide x 0.39in high (23mm x 10mm) low profile anodized aluminium track at the sides.

### How to specify your screens

To specify your mesh screen just let us know the approximate width and height and we will advise on fixing details.

### Frame requirements

Our mesh screens are under tension vertically and need a support frame around the full perimeter. The size of the screen will determine the frame requirements.

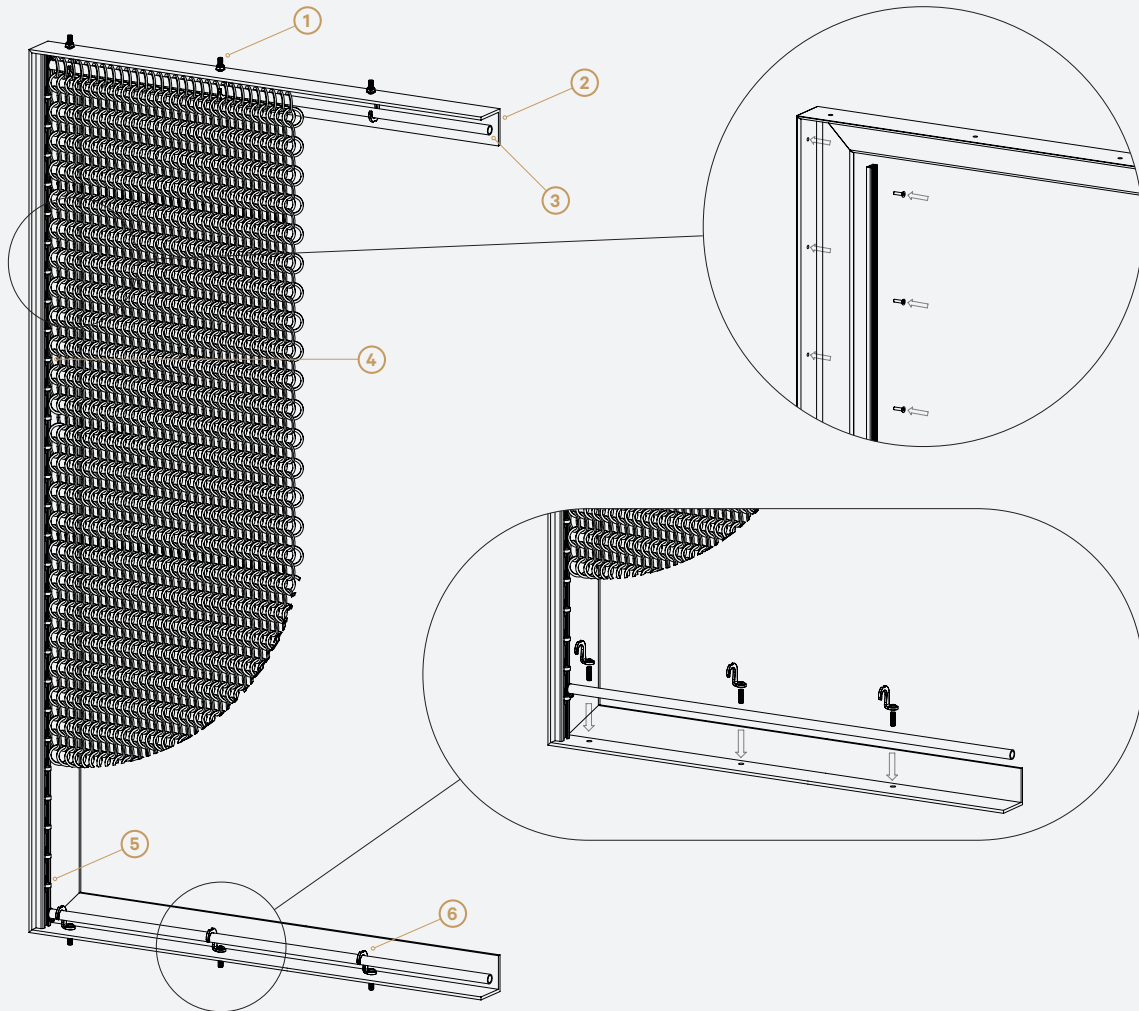
We can provide you with wind loading details so you can accurately determine your sub-frame requirements. Our ideal frame is a steel equal angle.

### Technical Specifications

Material	RE/8™ bio-circular architectural mesh, fire and UV resistant
Visual open area	Approximately 25%
Physical open area	Approximately 80%
Weight	0.6lb/ft <sup>2</sup> (3kg m <sup>2</sup> )
Maximum sheet size	Unlimited height and width
Screen thickness	0.6" (15mm)
Diameter of ring	0.8" (22mm) internal, 1.10" (28mm) external



### Typical Kaynemaile Fixing Details



- ① Kaynemaile standard M6 stainless steel fixings and exterior hook.
- ② Typical steel sub-frame (not supplied). Minimum size is 3"x3" (75mm x 75mm).
- ③ Kaynemaile 0.5" (12.7mm) diameter stainless steel tube.
- ④ Kaynemaile press-fit clips.
- ⑤ Kaynemaile anodised aluminium side track.
- ⑥ Kaynemaile standard M6 stainless steel fixings and stainless steel exterior hook.

**Please Note:** These details are provided for information purposes only and may not be the full extent of your project requirements. Please contact Kaynemaile or your local representative for more information.