



Architectural Mesh by Kaynemaile™

kaynemaile.com



Contents

- 1 About Kaynemaile™ Limited & Austaron Surfaces
- 4 Architectural Mesh by Kaynemaile™
- 5 Solutions
- 7 Kaynemaile™ Exterior: Building-Armour™
- 14 Kaynemaile™ Interior: Screen, Ceiling & Lighting Solutions
- 29 Custom Projects
- 37 Mesh Performance and Specifications
- 39 Environmentally Considerate
- 42 Ordering Your Solution
- 43 Colour Palette



DESIGNPREIS
2008

NOMINEE



material
award

2007



'Best New Innovative Product'
DesignEX Sydney 2014

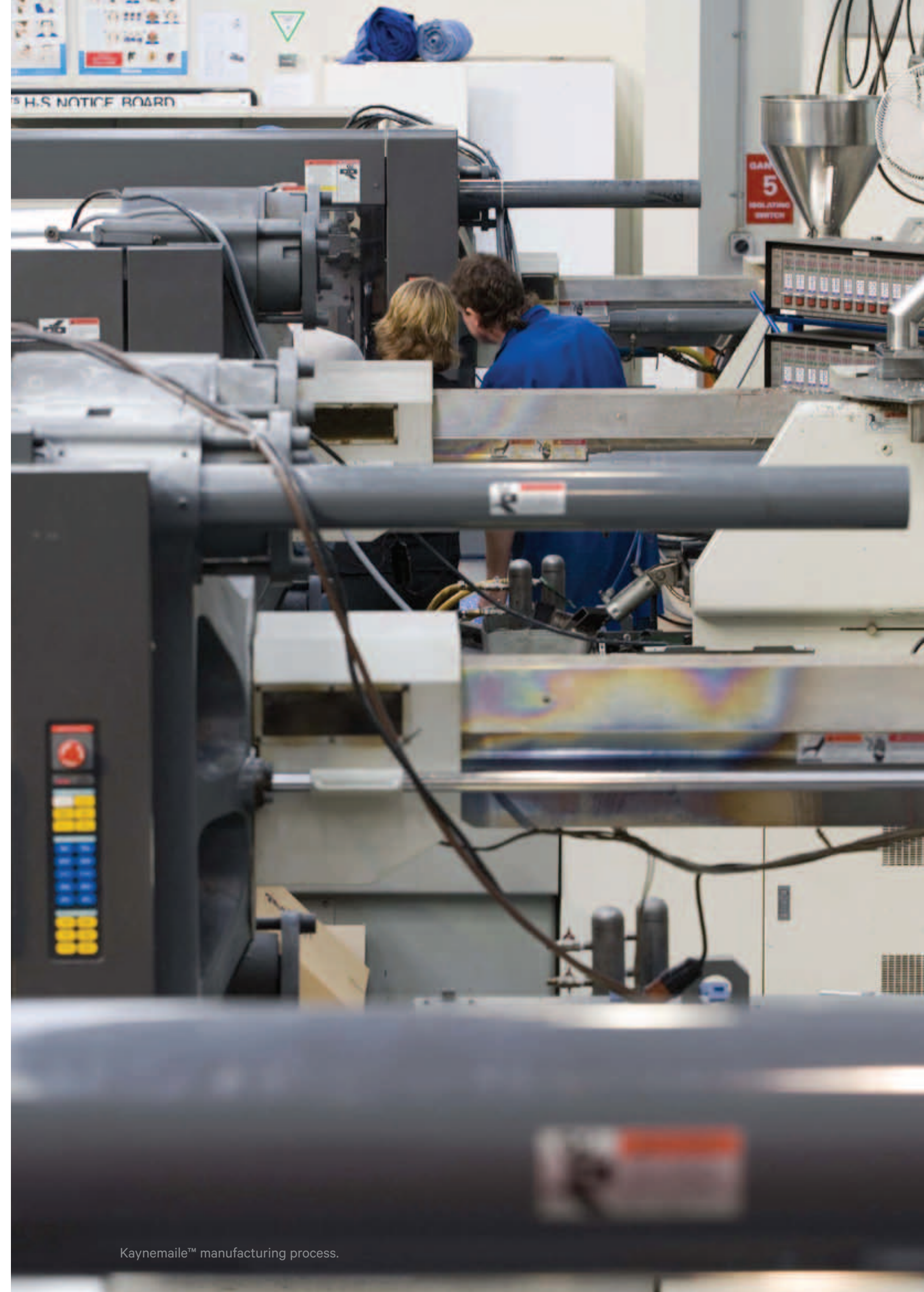
Kaynemaile™ interiors form and function.

Kaynemaile™ Limited

Over many years, we have listened to our clients' requests, feedback and experiences, and as a result we are now proud to offer our future clients and customers the following complete solutions.

Kaynemaile™ Ltd is made up of technical experts who develop, manufacture and install Architectural Mesh solutions. Our team disciplines include registered architects, industrial designers and even commercial film art directors. We can either work closely with you to develop a custom solution that best suits your requirements, or alternatively direct you to one of our cost-effective, off-the-shelf seamless mesh solutions.

Kayne Horsham CEO/Founder





Architectural Mesh by Kaynemaile™

Our seamless mesh offers structural performance by using engineering grade polycarbonates, making the mesh suitable for extremely high-wear environments such as schools, airports, bars and public spaces; it has even been tested as a shark net.

Material

The Kaynemaile™ seamless mesh is based on a traditional European chainmail assembly and produced via a continuous injection moulding process, forming a 3D impact-absorbing structure made up of solid rings with no joins or seams.

The mesh is made from a recyclable **self-extinguishing, fire resistant** and **UV stabilised** high-spec polycarbonate making it virtually **impossible to scratch or damage**. It is easy to handle on site with **no special protection required** and will not rust in corrosive environments.

Manufacturing

Our patented manufacturing process offers **unlimited sheet sizes/dimensions**, using a wide range of **UV stabilised colours**, resulting in a clean monolithic look and a faster more affordable installation.

Quality materials

We use stainless steel hardware and components, so our solutions won't corrode; the seamless mesh structure won't go brittle and gives a 20+year expected durability, backed by a **10-year warranty**.

Environmentally considerate

With only one eighth the embodied energy of equivalent metal meshes, our Architectural Mesh is better for our environment.

Architectural Mesh by Kaynemaile™ is **100% recyclable** with a nil-waste production method. Its lightweight and compact properties offer efficient cartage options.

Savings

Our Architectural Mesh is **only 15% the weight of equivalent stainless steel** mesh; so it requires less supporting structure and can make significant budget savings.

Because our product is highly flexible, achieving **curves** and organic forms is super easy, and **won't cost you more** than a straight screen.

We supply high-quality solutions to suit any environment, any project of any scale or budget, in any country. With our standard attachment systems installation and specifying is easy.

Architectural Mesh by Kaynemaile™

Solutions

Interiors and exteriors, from office fit-outs through to multi-story façades; award winning Architectural Mesh by Kaynemaile™ can be the modern touch that will make your project stand out without blowing the budget. With the ability to produce unlimited sheet dimensions we can provide a solution for any size project, and arrange delivery to any country.

You can choose from our range of **instant solutions**, for exterior or interior projects or talk to us about **bespoke solutions** or even that **special creative element**.

Instant solutions

Exterior – Building-Armour™

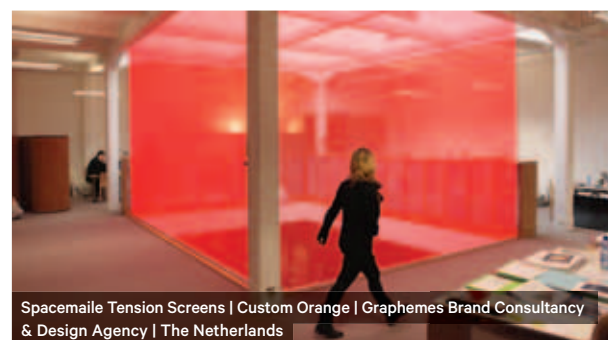
Single-sheet solutions for façade cladding, rain and wind screening, solar shading and safety-from-falling balustrading for exterior high-wear environments.



Building-Armour Facade | Pewter | Leuschke Group Architects Ltd | NZ

Interior – Kaynemaile™ Screens

Free-hanging, fixed-tension or operable dividers for interior environments which are suitable for fixed security screening, free-hanging partitions, feature walls, privacy screening, open-plan office division and safety-from-falling on stairs, lift shafts or mezzanines.



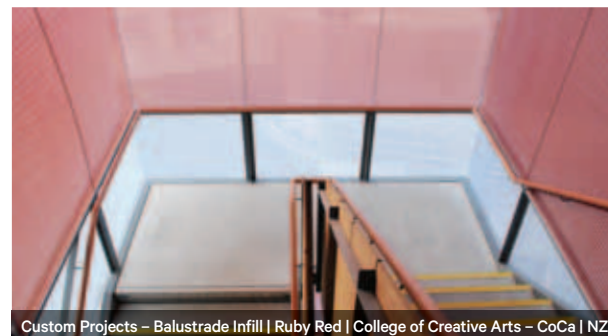
Spacemaile Tension Screens | Custom Orange | Graphemes Brand Consultancy & Design Agency | The Netherlands

Bespoke solutions

Custom Projects – your project and our product

Where our Kaynemaile™ or Building-Armour systems don't suit, we can offer you a bespoke solution by either customising our standard range, or providing a new tailored solution. It's all possible.

We have the technical and manufacturing skills to produce cost-effective, one-off solutions unique to your project, you just need to ask.



Custom Projects – Balustrade Infill | Ruby Red | College of Creative Arts – CoCa | NZ



Building-Armour Facade | Double layer skin in Ice Blue and Ruby Red | College of Creative Arts – CoCa | NZ

No seams and no joins; Architectural Mesh by Kaynemaile™ is the only truly seamless mesh.