introduction

Omnis, is a leading UK manufacturer and supplier of complete building envelope systems.

Petrarch is a man-made alternative to natural stone cladding which offers all the same attributes while providing some key benefits such as ease of use and flexibility in design.

Our expertise and experience in both manufacturing and supplying cladding systems enable us to meet or exceed all of the requirements of today’s demanding building designers and contractors.

Petrarch cladding is aesthetically excellent, easy to design, easy to fit and will last year after year, after year…

This, together with our understanding of your requirements, also means that as a supplier, we are as easy to work with as our product range. We’ll advise you on any technical or commercial aspect of cladding, help you conform with the most stringent specifications and also assist you in achieving the most economical solution, even when specifying bespoke panels.

So naturally beautiful and rugged, yet extremely light and easy to install.

Architects and specifiers have long been aware of the advantages of man-made re-constituted stone panels over natural stone. With Petrarch, we’ve developed and perfected the art of producing this alternative.

Petrarch enables you to design-in individuality and style combined with extreme environmental durability, high impact resistance and freedom from maintenance.

Petrarch is available in a very wide range of colors and finishes and two different thicknesses, so there’s bound to be one that’s perfect for your application. If not, it is possible that we can create your project specific color and finish, giving you unlimited design possibilities and freedom.

Petrarch is considerably lighter in weight than natural stone counterparts, driving down construction time and costs.

The install cost is usually a fraction of that of stone, allowing striking finishes to be achieved within realistic construction budgets.

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Petrarch is BBA accredited and is manufactured in Hastings under ISO 9001 quality management system.
Because of how it’s formed, quarried and weathered, natural stone comes in different surface finishes and textures. Why should man-made materials be any different?

With Petrarch, you get a choice of four different finishes to lend even more individuality and style to any building. Choose from a traditional riven finish that replicates the surface of slate, a contemporary smooth finish and a textured matt finish. Choice of texture adds a tactile dimension to product selection. By designating the surface finish and pattern the colors gain additional character and depth.

Every finish is available in all of our 1,500 colours, providing an almost unlimited number of combinations to satisfy your creativity.

Think of a color.

With an astounding 1,500 colors in the Petrarch palette, there’s a very good chance that you will find what you’re looking for. Whether used outside or inside, all are designed to enhance the natural environment of a building and complement the landscape – or create a startling statement.

And as if 1,500 colors weren’t enough, we can also manufacture Petrarch in a virtually unlimited range of custom hues to meet the most challenging architectural brief and complement your creative thoughts.

We can also manufacture Petrarch in a virtually unlimited range of custom colors for all textures to meet your creative needs.

colors

an almost unlimited range of colors...
a plethora of creative possibilities

Textures

smooth, matt or riven...
bright but practical textures
with individuality and style

riven smooth matt
Colors and textures can be mixed and matched for the ultimate in design flexibility. Choose from Riven Slate, Riven Slate Shot Blast, Smooth or Smooth Shot Blast finishes. Petrarch panels are available in seventeen standard colors and four textures. Custom colors are available.

Printed colors and textures shown may vary from actual product samples and are for reference only. View actual panel samples before making final selection.

Riven Slate Shot Blast (back)

GRAPHITE 003

Riven Slate Shot Blast (back)

LIGHT STONE 009

Riven Slate Riven Slate Shot Blast Smooth Smooth Shot Blast

Printed colors and textures shown may vary from actual product samples and are for reference only. View actual panel samples before making final selection.

Light Stone color #009 used for example above. All Shot Blast finishes are applied after base panel manufacturing (additional cost).

Standard Finishes, Available On Every Color

- Custom colors available
- High impact resistance
- Low maintenance
- Lightweight

Please request a sample for the best color representation.

ABOUT PETRARCH PANELS

Once the color sample is approved, lead time is the volume and we will work with you.

Does a custom color cost more than a standard color?

Stay away from extremely bright colors.

What colors can you make custom?

Greatly expanding your design possibilities.

Think of a color to be one that is suitable for your application. Additionally, across four finishes and two thicknesses, there’s bound to be one that is suitable for your application.

Petrarch is an extremely versatile product that invites the creation of an original design.

CREATE YOUR VISION WITH CUSTOM COLORS

Our commitment

At Omnis we realise the important part we play in protecting our environment for future generations, which is why we are doing everything we can to minimise our carbon footprint. Not only in the manufacture of our products and the sourcing of raw materials, but also in their application and long term impact.

Recycling

At Omnis we realise the important part we play in protecting our environment for future generations, which is why we are doing everything we can to minimise our carbon footprint. Not only in the manufacture of our products and the sourcing of raw materials, but also in their application and long term impact.

When packing the panels for transport to the site, we use the minimum of packaging materials, which consist of recycled cardboard and wood for a pallet base allowing for easy recycling.
the naturally striking appearance of slate that has weathered the elements for millennia.
A contemporary surface that adds an elegant, subtle finish to any building.
Highly intricate and striking designs can be created, adding an exciting new visual element for architects and designers.

**Petrarch**

**patterned**

**details**

The small attention to detailing ensures that the profile is seamless, complementing the overall look and finish.
Petrarch panels can be fixed to rainscreen framing easily using:

- structural adhesive
- mechanical secret fixed
- mechanical face fixed

Omnis has many suitable types of rainscreen support systems which have been developed to suit Petrarch. Visit www.omnis-panels.com to find out more.

The performance and physical properties of Petrarch – particularly durability, flexural strength and weight savings – offer many benefits over natural stone, slate, terracotta and precast concrete.

The main characteristics are detailed below.

### Dimensions

<table>
<thead>
<tr>
<th>Nominal Thicknesses</th>
<th>5/16 in (7 mm)</th>
<th>7/16 in (10 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet Sizes</td>
<td>47 3/4 x 95 3/4 in (1200 x 1200 mm)</td>
<td>47 3/4 x 95 3/4 in (1200 x 1200 mm)</td>
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<td></td>
<td>47 3/4 x 119 3/4 in (3000 x 1200 mm)</td>
<td>47 3/4 x 119 3/4 in (3000 x 1200 mm)</td>
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</table>

### Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Petrarch</th>
<th>Fibre cement board</th>
<th>Glass</th>
<th>Petrarch</th>
<th>Marble</th>
<th>Granite</th>
<th>GRC (Glass Reinforced Concrete)</th>
<th>Slate</th>
<th>Precast concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (lb/sf)</td>
<td>3.2</td>
<td>4.5</td>
<td>4.5</td>
<td>3.2</td>
<td>3.2</td>
<td>3.2</td>
<td>3.2</td>
<td>3.2</td>
<td>3.2</td>
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<tr>
<td>Flexural strength</td>
<td>25 MPa</td>
<td>25 MPa</td>
<td>25 MPa</td>
<td>25 MPa</td>
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<td>25 MPa</td>
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</tr>
<tr>
<td>Modules of elasticity</td>
<td>11,000 MPa</td>
<td>11,000 MPa</td>
<td>11,000 MPa</td>
<td>11,000 MPa</td>
<td>11,000 MPa</td>
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<td>11,000 MPa</td>
<td>11,000 MPa</td>
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<tr>
<td>Moisture absorption</td>
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<td>0.2%</td>
<td>0.2%</td>
<td>0.2%</td>
<td>0.2%</td>
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<td>0.2%</td>
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<tr>
<td>Impact resistance</td>
<td>2.0 J</td>
<td>3.5 J</td>
<td>3.5 J</td>
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<td>2.0 J</td>
<td>2.0 J</td>
<td>2.0 J</td>
<td>2.0 J</td>
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<tr>
<td>Thermal movement</td>
<td>22 x 10⁻⁶ °C²</td>
<td>2 x 10⁻⁶ °C²</td>
<td>2 x 10⁻⁶ °C²</td>
<td>22 x 10⁻⁶ °C²</td>
<td>2 x 10⁻⁶ °C²</td>
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<td>22 x 10⁻⁶ °C²</td>
<td>2 x 10⁻⁶ °C²</td>
<td>2 x 10⁻⁶ °C²</td>
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<td>Fire rating</td>
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<td>Class &quot;O&quot;, BS 8414 Part 2</td>
<td>Class &quot;O&quot;, BS 8414 Part 2</td>
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### Weight kg/m²

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<th>Material</th>
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<th>50</th>
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<tr>
<td>High pressure laminate</td>
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<td>6</td>
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<tr>
<td>Fibre cement board</td>
<td>6</td>
<td></td>
<td></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Glass</td>
<td>6</td>
<td></td>
<td></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Petrarch</td>
<td>7</td>
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<td></td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Petrarch</td>
<td>10</td>
<td></td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Marble</td>
<td>30</td>
<td></td>
<td></td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Granite</td>
<td>40</td>
<td></td>
<td></td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>GRC (Glass Reinforced Concrete)</td>
<td>50</td>
<td></td>
<td></td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Slate</td>
<td>25</td>
<td></td>
<td></td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Precast concrete</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
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contacts

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www.omnisexteriors.com

Omnis reserves the right to make substitutions and modifications to the specifications of any of its products without prior notice.

It is the customer’s responsibility to ensure that the company’s products are correctly installed and that they are suitable for the customer’s particular requirements and application.

The company undertakes business only upon its standard terms and conditions.

For project specific samples or technical assistance please contact our technical department on enquiries@omnisexteriors.com.

All information is correct as of the date of this document, created August 2015.

Petrarch panels are waterproof, maintenance free, highly resistant to impact and have the NFPA 285 Accreditation.