



*Cristofoli*  
INTERNATIONAL

## LIGHTWEIGHT & TRADITIONAL STONE

*Design, Manufacture & Fabrication*





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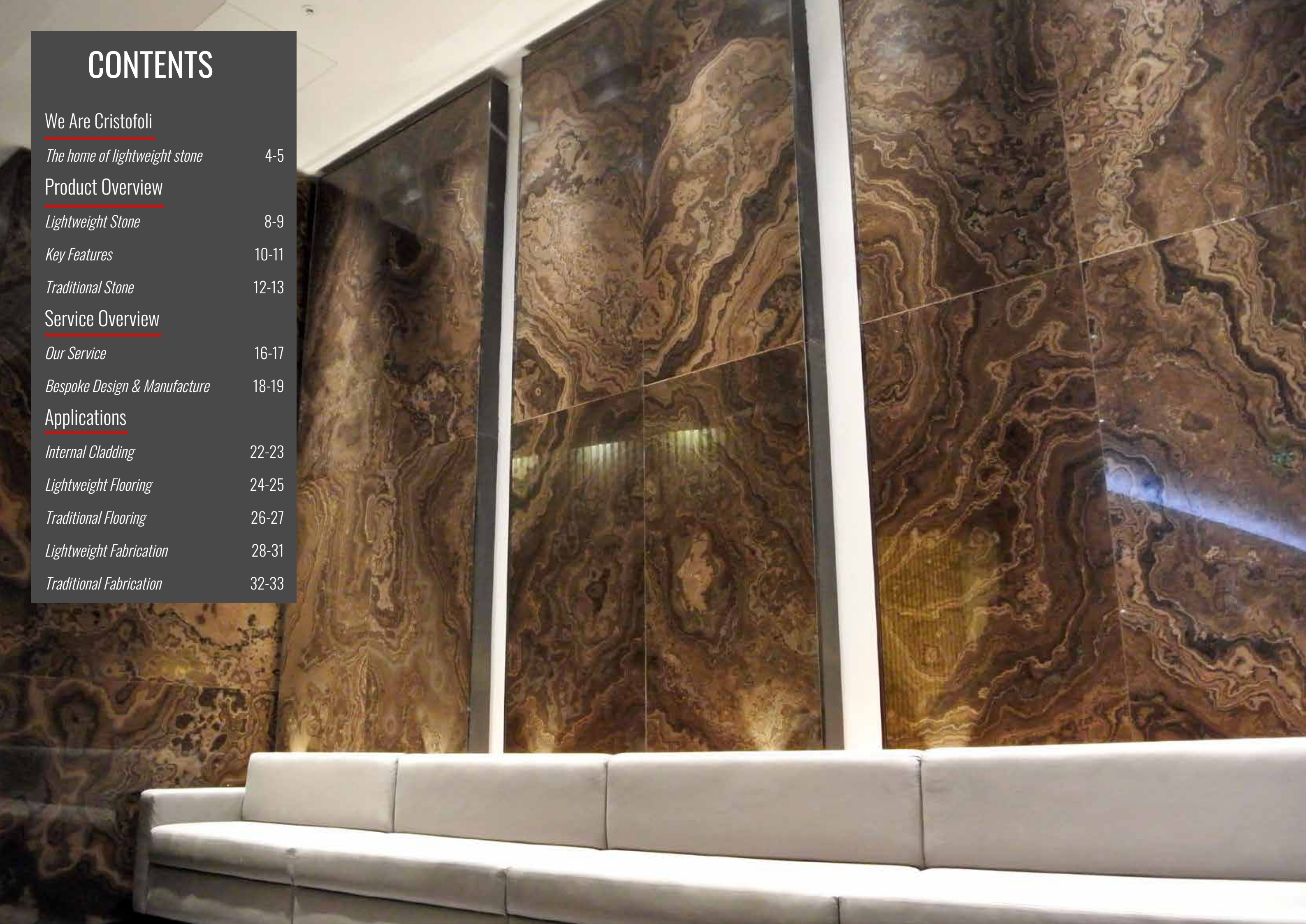
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# WE ARE CRISTOFOLI INTERNATIONAL

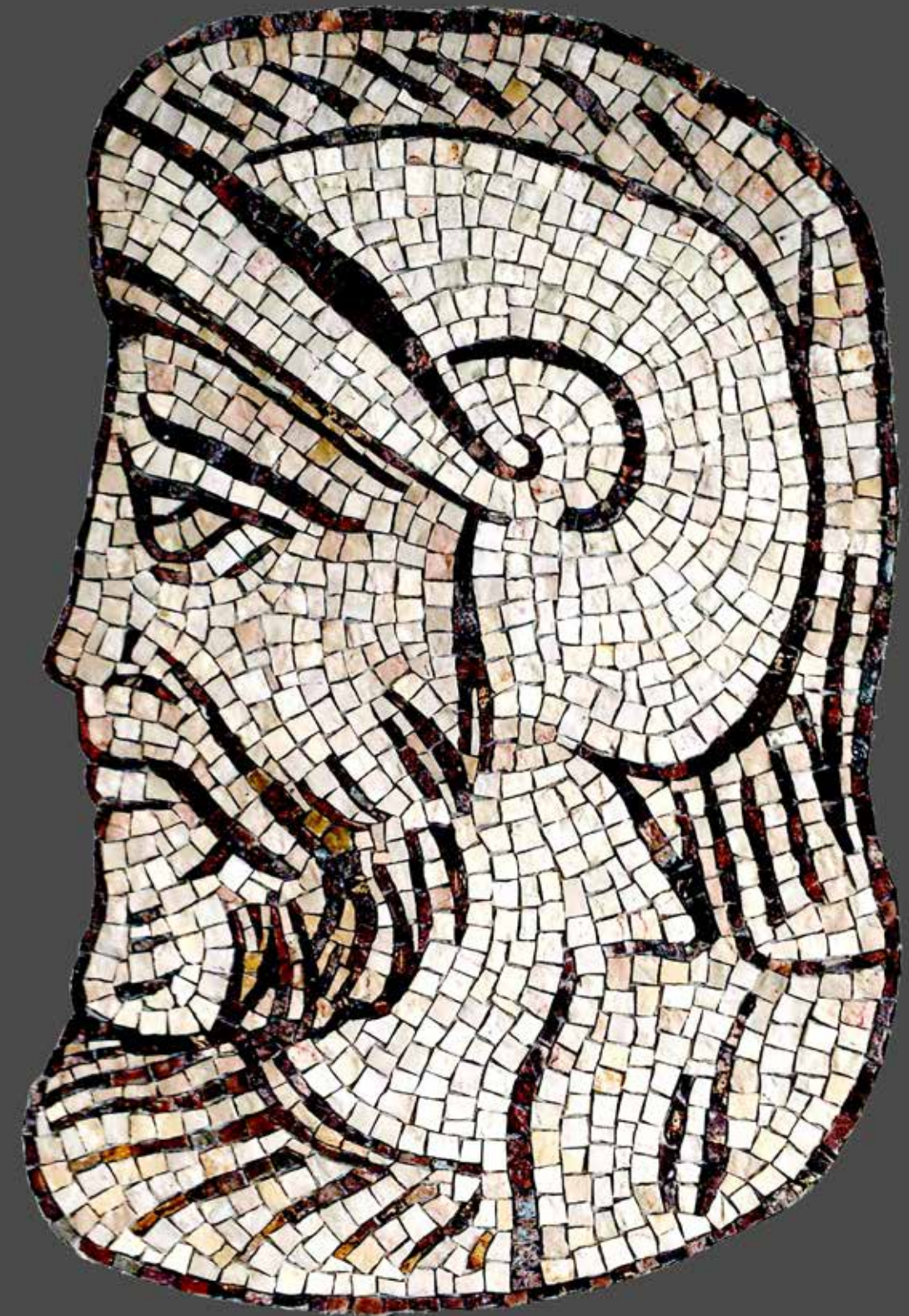
*The home of lightweight stone*

## Our History

Tracing back to our family roots, Cristofoli International has been synonymous with stone. A family operated business, our passion for stone has lived through generation after generation and continues through today.

Our humble beginnings as early pioneers of terrazzo composites are the foundations of who we are today. 60 years later our passion for innovation and quality have not changed.

Our leading lightweight stone technologies draw from our rich past, and underpin what we do. This is why we can assure you will always receive expert advice, a professional service and quality end products.





# PRODUCT OVERVIEW

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# PRODUCT OVERVIEW

## Lightweight Stone

### Panel Design

Utilising a unique bonding process we combine a thin veneer of natural stone to composite honeycomb core panel.

The result is a dimensionally stable, strong, lightweight panel, with a wide choice in natural stone finishes.

Its high strength-to-weight ratio makes this material perfect for fabrications, especially when size and weight are an issue.

Panel Weight	≥15 kg/m <sup>2</sup>
Panel Size	Typically 3m x 1.5m
Thickness	≥9mm



# PRODUCT OVERVIEW

## Key Features

### Lightweight

Our 9mm composite panel can be up to 70% lighter than traditional 20mm stone applications.



### High Impact Strength

The composite backing ensures superior impact strength. The bonding process ensures any cracked pieces stay attached to the honeycomb reinforcement.



### Green

Using 75% less stone conserves our natural resources and reduces our carbon footprint for transport.



### Strength

Honeycomb stone panels are not only stronger than traditional stone, but are also more flexible. This makes them perfect for demanding applications.



### Large Format

The panels strong mechanical performance allow to scale up to large sizes with panel sizes typical 3m x 1.5m depending on the natural stone. Their rigidity ensures no bowing or warping.



### Exceptional Quality

Completely manufactured at our UK factory, our slabs and fabrication process is meticulous.



# PRODUCT OVERVIEW

## *Traditional Stone*

### Wide Selection

Our design and fabrication service isn't limited to lightweight composites. We also work extensively with traditional solid stone.

Traditional stone comes in a wide range of both natural and man-made materials, offering you a truly unique solution for your project.

Our connections to the international stone marketplace ensure we can source unique materials at an affordable cost. This can help your project stand-out with a stone solution that cannot be found anywhere else!

Check out our website for a small selection of a stone materials available. If you're looking for something with a particular colour, veining or finish we are here to help.

[www.cristofoli.net/material-gallery](http://www.cristofoli.net/material-gallery)





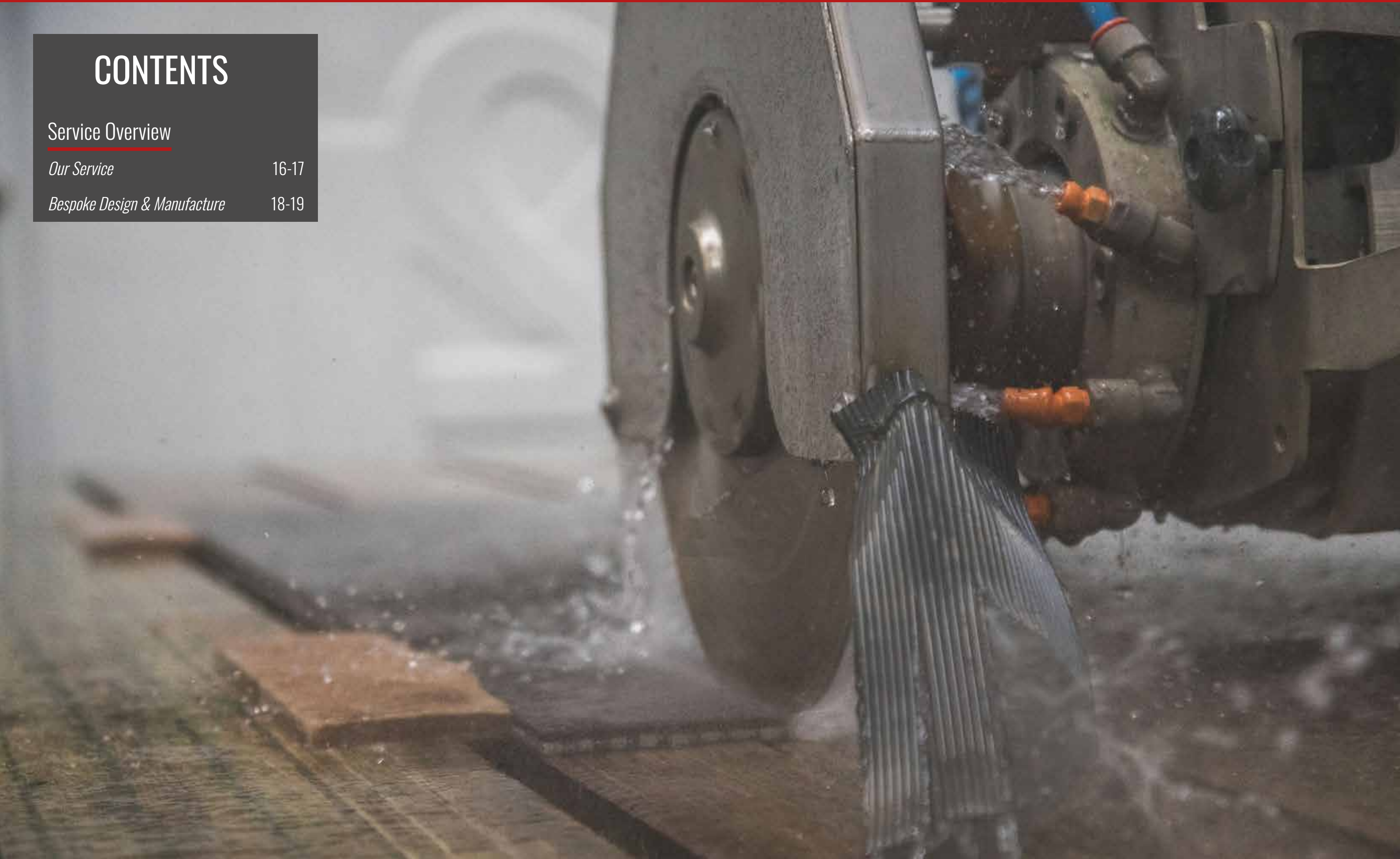
# SERVICE OVERVIEW

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# SERVICE OVERVIEW

## *Our Service*

### Specialised Fabrication

We offer a one-stop service of material sourcing, design & fabrication all completed in-house.

From your simple ideas on colour, finish and design we can help guide you towards a material and creation that meets your precise criteria.

Fabrication designs are limitless, we can manufacture various items of furniture such as vanity tops, tables, shelving to more demanding applications such as flooring or cladding.

We can accommodate one-off or small scale fabrications to larger commercial or residential projects.

### Material Manufacture

We responsibly source materials from across the globe and process them at our UK base.

### Design

In-house architects, engineers and designers create to your specifications, whilst ensuring optimum cost and project managing the process.

### Manufacture & Fabrication

Complete fabrication and assembly at our UK plant using the latest in CNC machining. This ensures precision engineering to a millimetric degree. We pride ourselves on achieving a zero non-conformance delivery.





# SERVICE OVERVIEW

## *Bespoke Design & Manufacture*

### Challenging Solutions

Our in-house design and manufacture capabilities allow us to push the boundaries of what's possible. Architectural challenges such as three dimensional fins are possible.

### Design & Engineering

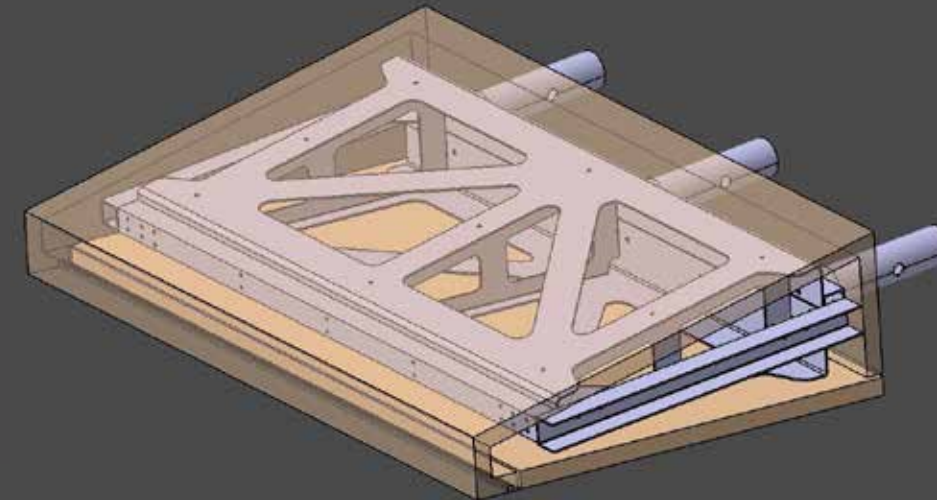
Our in-house team of designers, architects and engineers can undertake challenging design ideas. Using the latest technology we can create suitable designs on a subcontracting basis.

### Manufacturing & Fabrication

Investment in the latest CNC machinery allow us to form lightweight stone into intricate shapes. Everything is fabricated in-house guaranteeing quality and cost.



Architect Concept



Technical Solution



Fabrication



# APPLICATIONS

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# APPLICATIONS

## *Internal Cladding*

### Air Canada Lounge

Lightweight stone was an excellent solution as an internal cladding application. In-keeping with Air Canada's heritage, the Canadian Eramosa marble was used. Cutting this marble in two different directions produced two unique patterns.

The large book-matched panels were possible on feature walls thanks to using our honeycomb backed stone.





# APPLICATIONS

## *Lightweight Flooring*

### Private Residence

Honeycomb stone panels are an excellent choice for flooring solutions. The panels high strength allow for large formats to be used, minimise joints and enable easy handling.

Here book-matched panels were employed to maximise the visual appeal. Honeycomb flooring integrates well with underfloor heating options.





# APPLICATIONS

## *Traditional Flooring*

### Challenging Solutions

From bespoke small scale projects to large scale commercial installations we are experienced in dealing with any challenge the construction industry has to offer.

The combination of our CNC waterjet machining facility and experienced designers can help achieve your unique vision.





# APPLICATIONS

## *Lightweight Fabrications*

### Super Yachts

Lightweight stone is an excellent solution for the flexible and demanding applications of super yachts. Its low weight helps drive fuel efficiencies whilst strong enough to withstand the dynamic environment of navigating the open seas.

Our lightweight stone can be fabricated into monolithic elements, to create the appearance of a large mass of stone.





# APPLICATIONS

## *Lightweight Fabrications*

### Furniture & Features

Lightweight stones high strength-to-weight ratio makes it an excellent choice for furniture or coverings.

Our team of skilled stonemasons can fabricate your ideas, creating bespoke designs of the highest quality.

Our honeycomb backing is compatible with a large range of stones, both natural and man-made.





# APPLICATIONS

## *Traditional Fabrications*

### Challenging Solutions

If your project is more suited to traditional solid stone materials, this doesn't limit creativity it will just weigh a bit more.

Our in-house expertise can fabricate basic designs to more complex curved or 3-dimensional designs.





Aberdeen Standard  
Investments

*For all your stone fabrication needs,  
contact us today!*

#### Website

[www.cristofoli.net](http://www.cristofoli.net)



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