

The UK's premier decorative
laminates and panel product
fabricator for interior fit-out.

Est. 1976



Family ethics
Customer focused
Driven by technology



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Get in touch with us today to arrange a consultation visit with one of our regional account managers.

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www.starbank-uk.com



Introducing Starbank

Starbank Panel Products Ltd have been manufacturing bespoke decorative, architectural and commercial panel products successfully for the interior fit out industry since 1976.

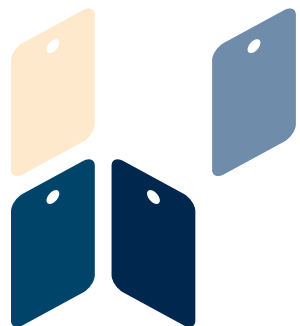
As a family owned and run business, our integrity, experience and innovative service set us apart from the competition. We understand what your needs are, and underpinned by the highest craftsmanship, our passionate approach supports us in building strong customer and supply network partnerships that last.

Our strategy is simple:

We work with you as a supply only manufacturing partner. We listen. We deliver both outstanding customer service and products that enable us to cooperatively meet and exceed your business needs.

Bringing Value to the Surface®

Our vision is to be the UK's preferred partner for decorative panel fabrication.



3000 individual cut, edge & CNC'd teak veneered panels assembled to create contemporary dividing walls: Vanguard Building



Fabricating panel products since 1976

From our humble beginnings we have built up a strong industry presence as fabricators of high quality, value driven decorative panel products across three distinct areas:

- **Fit Out Furniture Components**
- **Certified Fire Doors & Frames**
- **Lightweight Components & Boards**

As design and material trends are ever changing, we are at the forefront of these requirements with our innovative and cutting edge technology.

We fabricate and machine a variety of products including: high pressure and compact laminates, melamine faced boards, door cores, high performance face materials and composite foams, to name just a few.

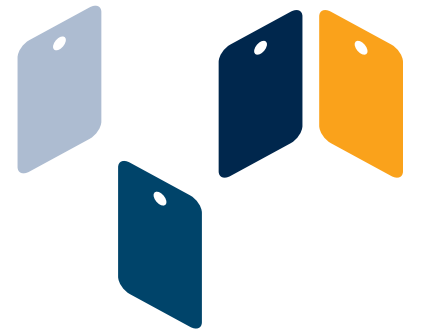
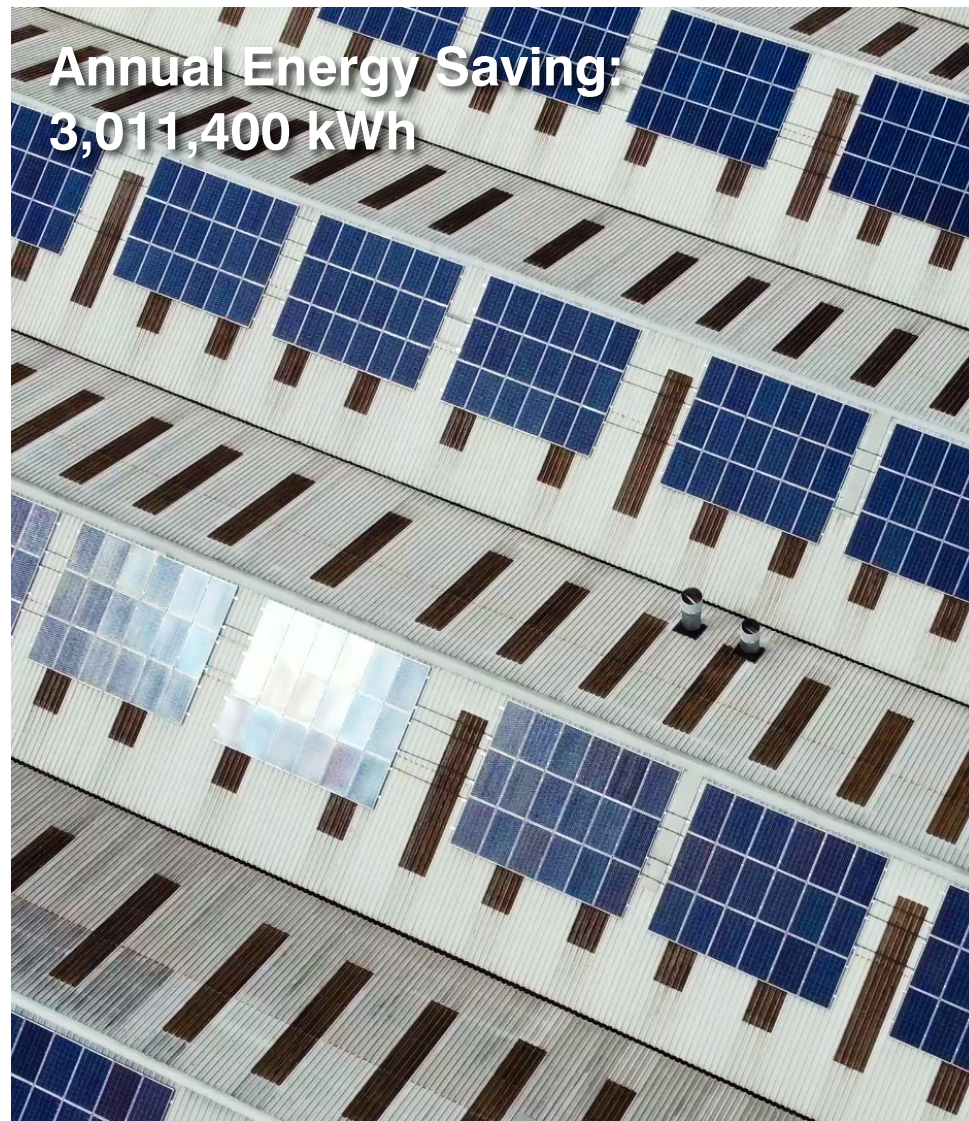
Complementary to these products, we provide value added services, starting with laminating, cut & edged panels through to complex CNC detailing, postforming and 5-axis machining.

We manufacture fit out products for the following markets:

- **Office**
- **Commercial**
- **Education**
- **Retail**
- **Healthcare**
- **Leisure**
- **Industrial**
- **Marine & Mass Transit**

Working as an extended family, our talented and committed workforce are our greatest asset, powering business on a daily basis.





Our Environment, Our Responsibility

We have been able to supply FSC® & PEFC® certified components since 2004 and were the first company in Europe within our industry to have a fully integrated management system that encompassed ISO 9001, 14001, OHSAS 18001 together with full chain of custody.

Our 116,000 sq ft manufacturing facility has almost 1000 solar panels assisting our direct electricity needs and demands. This system runs our intelligent LED lighting system ensuring “daylight” conditions are met.

To accompany the solar array we have a state of the art Biomass system which is fed by our own internal waste stream, reducing land fill and offsetting our carbon footprint dramatically. The silo alone at 10m wide and 17m tall can hold hundreds of tons of filtered wood waste that fuels the furnace to heat our facility.

Ecogate Industry 4.0 technology monitors our extraction consumption to limit and reduce energy demand when not required.

To date we have invested over £2m in energy saving initiatives and in late 2021, Starbank Panel Products Ltd became a certified carbon neutral company.

‘Certified carbon neutral company’

We are the first UK manufacturer within our industry to achieve PAS 2060 certification. As a team, we are all immensely proud, but it doesn’t end there as we are committed to moving towards our ultimate goal of ‘net zero’.





Substrates & Cores

We offer our customers the best possible range of products suiting a variety of projects, budgets and end uses. We work with, and laminate, a multitude of substrates, including:

- **Chipboard**
- **MDF**
- **Compact Laminate**
- **Plywood**
- **Unique closed cell foam** (for use in our STARlite® panels)

Many of the above substrates are available in higher performance grades including:

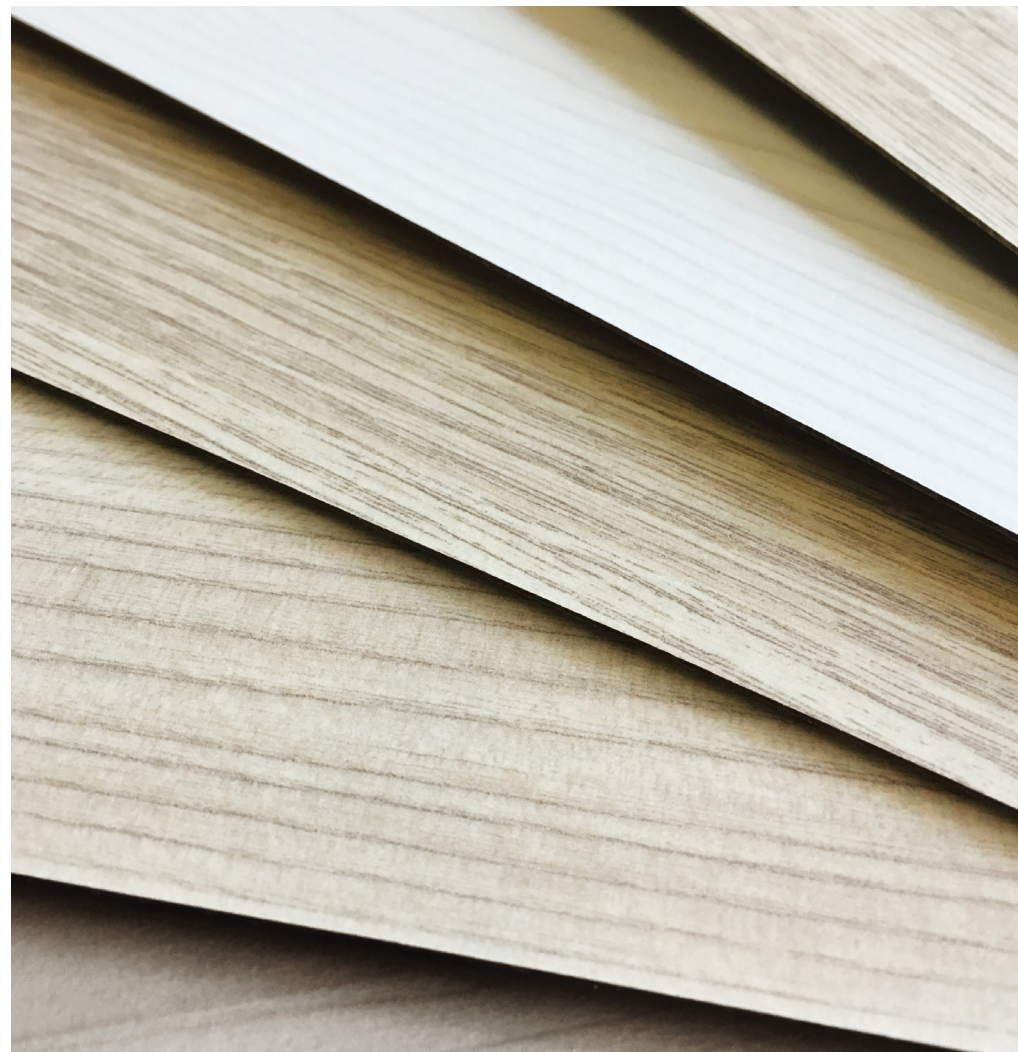
- **Moisture Resistant / Exterior / Tricoya Extreme**
- **Flame Retardant to BS 476 Class 1 & 0 – Euroclass C & B**
- **Euroclass A – Non Combustible**
- **Lightweight**
- **Deep Route**
- **Zero Formaldehyde**

We are certified to fabricate the following door cores within our BM Trada Q-Mark scope:

- **Strebord / Halspan & Egger GDC**
- **Egger Decor melamine**
- **Moralt**
- **Blankfort**
- **Flamebreak**
- **StreDor**
- **Halspan IT & XT**
- **Warm Springs composite**

To ensure we can source the right product for your project, we have built a strong supply chain network of the leading panel manufacturers across the UK, Europe and beyond.





Decorative HPL & Wood Based Panels

Ensuring that we work with quality products from leading manufacturers is imperative to our finished result.

Over the years we have seen more and more varieties of laminates and wood based products arrive on the market. Our team follow innovation within the industry and employ their knowledge and understanding in advising you with correct specification of materials, dependent upon your project needs. We are happy to discuss and explain our recommendations at every step.

The list of laminates and wood based panels we fabricate with include:

- **Melamine Faced Chipboard**
- **Melamine Faced MDF**
- **Melamine Faced Composites**
- **High Pressure & Continuous Laminate**
- **Solid Grade Laminate**
- **Compact Density Fibreboard**
- **Pre Fabricated Veneered Panels**

If you would like to gain a better understanding of these materials then please refer to our online material guide. All our other brochures can be downloaded from our website www.starbank-uk.com.





CAD / CAM



It all starts with a sketch, a drawing, a concept.

Our dedicated CAD and CAM team then work together to start your ideas on the road to becoming a reality. Our team will work with you to ensure that the concept can be realised and machined precisely. With our extensive tool library, we are able to programme the most efficient production schedule for our customers – after all, time is money, and we are known for being cost effective.

Prior to machining, our CAD team will prepare detailed drawings for you to sign off. We can even provide 3D PDF's; digitally bringing your work to life. This allows you to thoroughly examine each component and how it fixes together, reducing the risk of unforeseen errors in the design after production.

We work with all leading part and assembly model file types from a wide variety of programmes, including standard DXF and DWG files.



Panel Storage, Retrieval & Sizing

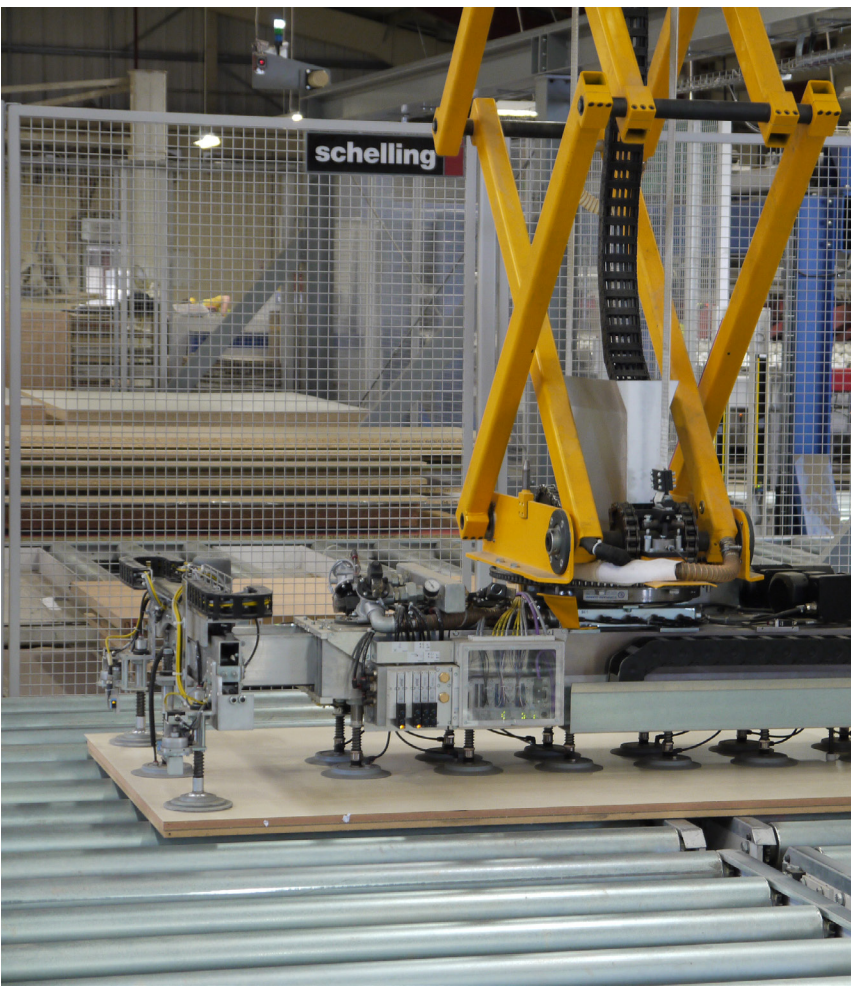


Accuracy is key.

Starbank is equipped with state of the art Schelling® beam saws with HPO optimisation as well as robotic panel storage and retrieval. We cut your panel products accurately and efficiently to minimise waste.

We take care of Batch size 1 retrieval and optimising to rear loading cutting patterns with our flexible systems.

Labelling and bar-coding technology, together with factory floor data analysis, ensures we are technically ahead of the curve.

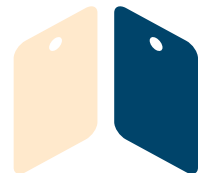


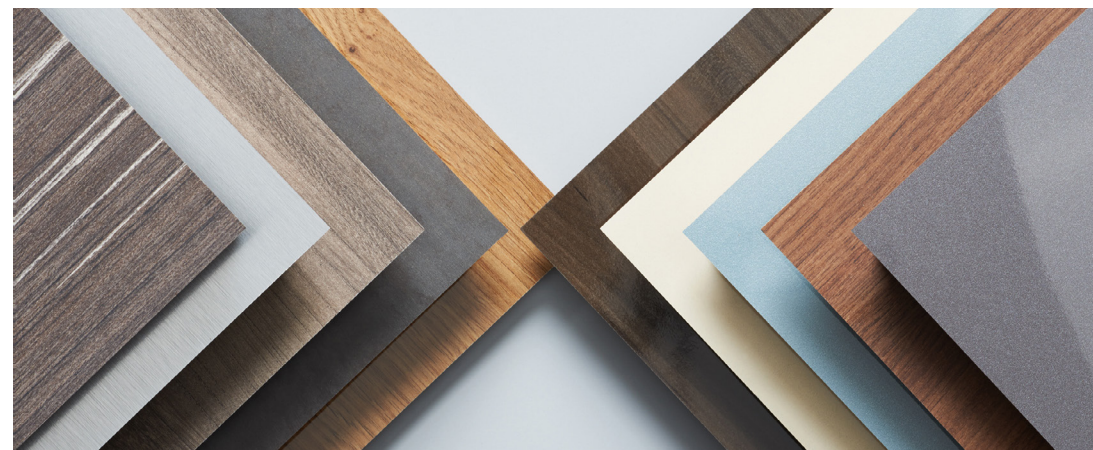
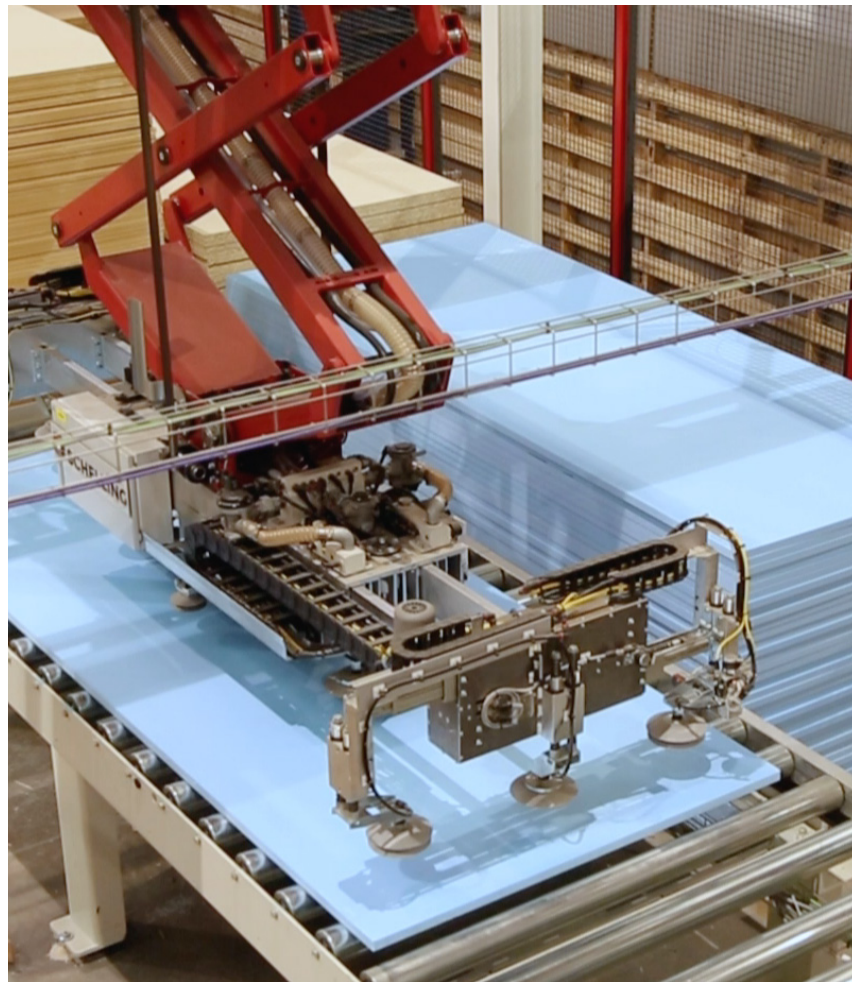
Calibration



With incremental programmable steps of 0.1mm, our twin head calibration sander is a crucial part of our manufacturing process, especially for fire doors and furniture components with demanding tolerances.

Designed specifically to perform this one task, we have one of the most powerful wide belt calibration machines on the market. Equipped with twin independent high power steel rollers and effective work-piece cleaning, our calibration service offers you consistent accuracy irrespective of the substrate you require calibrating.





Lamination

With almost fifty years of experience bonding decorative laminates to a wide variety of substrates, we regularly laminate in excess of sixty thousand boards per annum which produce hundreds of thousands of component parts. These parts are then further processed to individual customer requirements.

High performance feeding, cleaning, PVA gluing and pressing technology enables us to precisely bond all commercially available HPL & CPL sheets from the world's leading manufacturers.

With a strong supply chain, you can be assured of service, quality and value for money.

Our press line is the first process for component fabrication, including:

- HPL or CPL - Fire Doors & Panels
- HPL or CPL - Furniture Components
- HPL or CPL - STARlite® Cores

Our spray bond department can handle additional materials, to include (but not an exhaustive list):

- PVC
- Kydex®
- Thermoplastics
- Metals - (call us for more information)

Please talk to us about your requirements to ensure materials and adhesives are matched correctly for their intended applications.

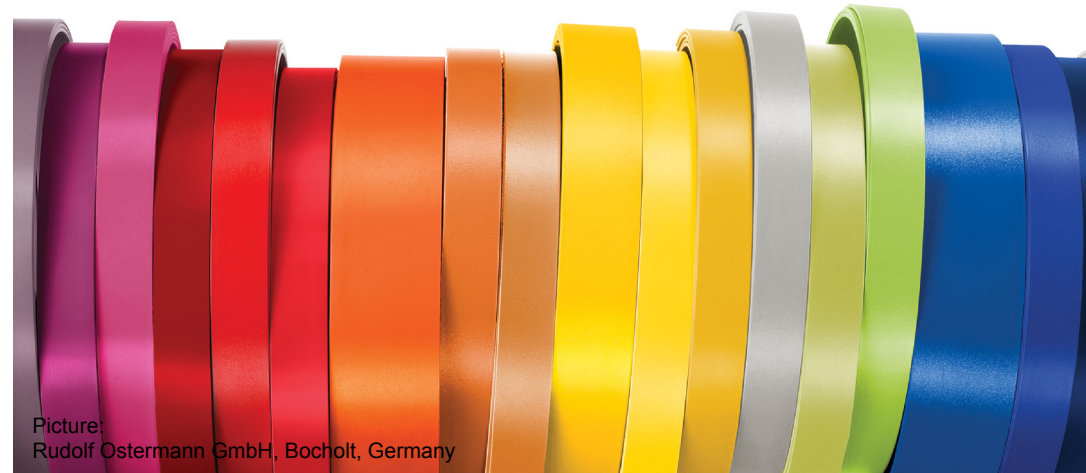


Edging



By operating both single and double sided edgebanding lines we have the power and flexibility to deal with low, medium and large batch quantities for your projects.

Our highly specified machines, Industry 4.0 networking and skilled operators ensure the highest possible quality to your decorative components. Edgebanding can be applied to a variety of substrates, including postformed elements with corner rounding facilities using the latest PUR adhesive technology.



Picture:
Rudolf Ostermann GmbH, Bocholt, Germany



HOMAG



PURedge[®]

High Performance Edgebanding

PUR (Polyurethane Reactive) adhesive technology is a high performance solution where bond strength and moisture resistance, together with inconspicuous glue lines, are required.

This specification, both physical and chemically bound, is ideally suited for the application of ABS & 3D-acrylic tapes as well as laminate and solid hardwood lipping.

We are so confident in this technology that we provide it as standard on all straight edges.

Coming in 2023

ZEROedge[®]
The Ultimate Edgebanding



Postforming



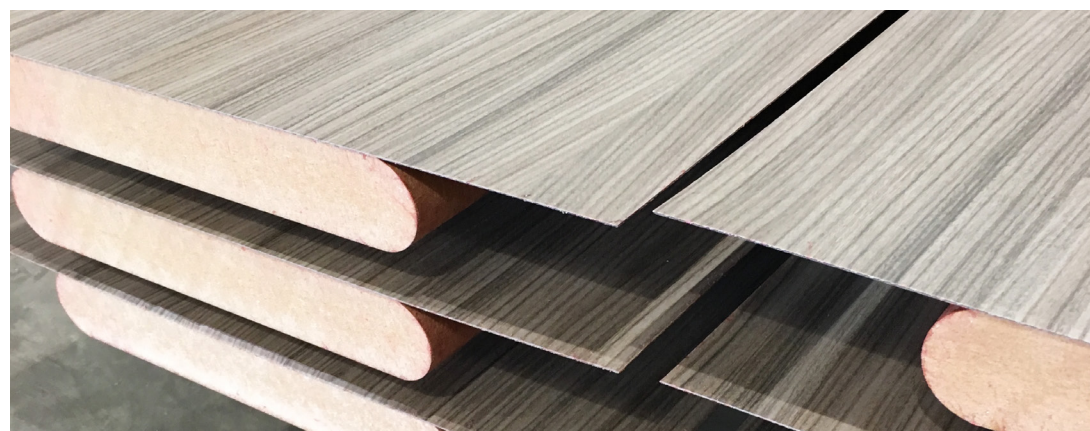
With multiple dedicated machines for the postforming of HPL, CPL and thermoplastic PVC, our consistent development in this area enables us to offer you the highest quality and flexibility in postformed panel fabrication.

Considered somewhat of a dark art, postforming is very much a hands-on application and we have over 40 years of experience in this field. With the ability to work with all commercially available postforming grade laminates and high impact thermoplastic PVC sheets, we have an unrivalled process offer.

From bespoke applications to high volume through-feed processing, we can work our magic to assist you in your project requirements.

HE HOMAG

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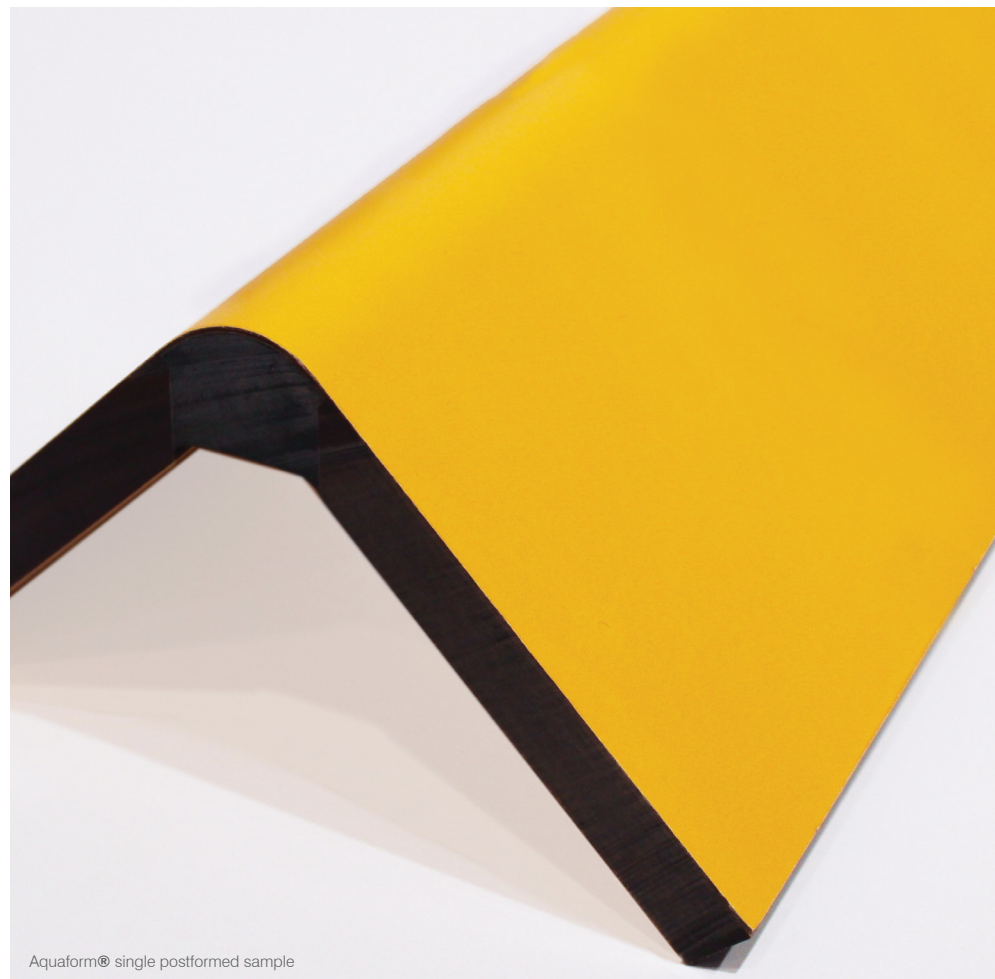
MULTIFORM™

Profiled & Postformed Panels

Multiform™ encompasses all the variations of postformed profiles that we can machine at Starbank. We have a variety of standard worktop profiles to choose from, which can be faced using commercially specified postformable HPL, CPL or Thermoplastic PVC, for applications including:

- **Profiled tabletops**
- **Vanity worktops**
- **Pharmaceutical worktops and window sills**
- **HTM63 grade worktops for healthcare environments**
- **Laboratory worktops**
- **Postformed wall panels**
- **Postformed duct panels**
- **Leisure facility worktops**

More information on Multiform™ can be found in our separate Multiform™ brochure.



AQUAFORM®

Performance Postformed Panels

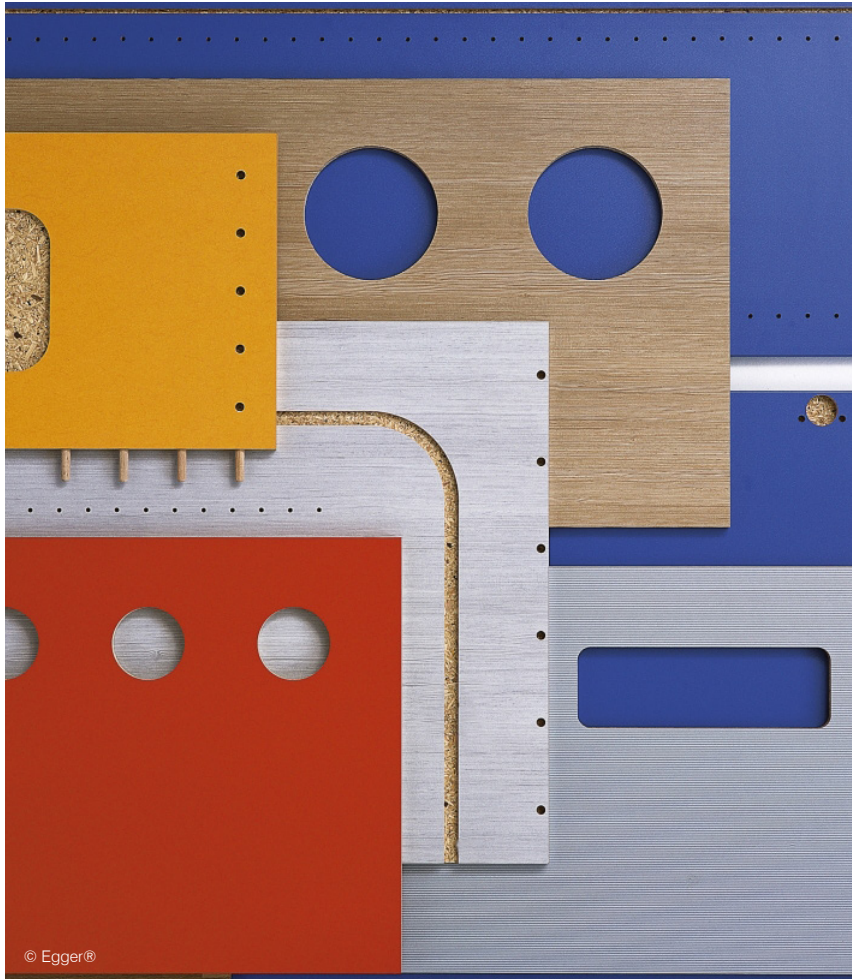
Following customer demand as well as industrial and commercial trends for higher performing components, we developed and introduced Aquaform® to the market. Starbank are one of the leading fabricators of solid grade laminate postforming in the UK and we are proud to have been part of this development.

The Aquaform collection offers a performance upgrade from the use of traditional substrates such as MDF and Chipboard. Postformed Aquaform® can be manufactured from postforming grade compact laminate or by utilising a solid grade substrate which is over laminated with HPL and then postformed into the desired profile using high performance adhesives.

The ability to withstand wet and humid environments, or where hygiene is of paramount importance, makes Aquaform® very popular within healthcare, leisure and washroom facilities.

The types of products we have made from Aquaform® includes (but not limited to): vanity units, pharmaceutical worktops, post formed wall panels and healthcare duct panels.

More information on Aquaform®, including technical details, can be found in our separate Aquaform® brochure.



CNC Machining



Starbank is renowned for its expert CNC machining service and capabilities. With 3, 4 & 5 axis technology at our fingertips, we can handle most applications with ease. Our talented programmers and operators are a vital asset to our company and customers across the UK and around the globe.

Our team are highly skilled at routing, milling and drilling all wood based and decorative panels, including: HPL, solid grade laminate as well as our own lightweight composite panels. We provide a much needed capacity and technology outsourcing service for our customers.



CNC Shaped & Edged Panels

As one of the first fabricators in the UK to invest in Homag BAZ CNC & edgebanding technology, we have unrivalled experience and knowledge within the marketplace and operate exceedingly high performance, large format machining centres that are capable of simple contours, circles and even challenging edgebanding through to complex shaped components where possible. Innovation is at the heart of all we do.

We have the ability to shape and then edge in ABS, 3D Acrylics and even coiled veneer. Edging can either match or contrast most brands of decorative panel on the market – including MFC, MF-MDF and HPL bonded substrates. Our BAZedge™ service is at your disposal.

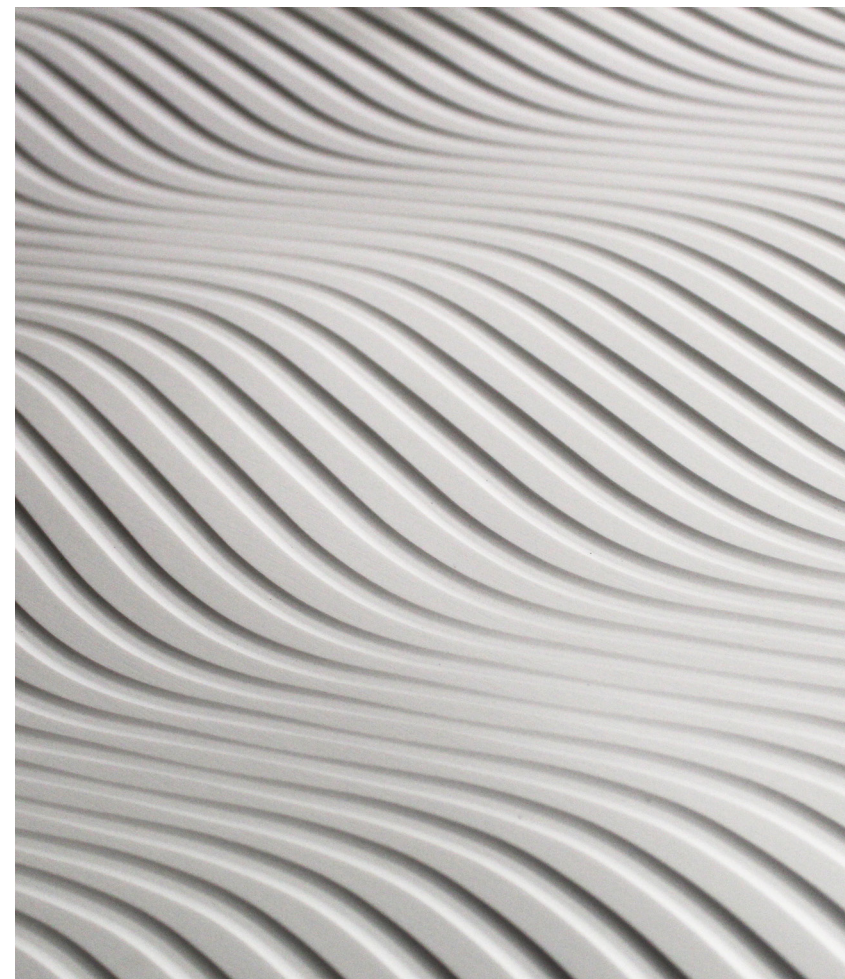
Coming in 2023



The Ultimate Edgebanding



© Richlite®



3D Decorative Panels

Carve out your mark - Carved 3D decorative panels allow you to create statement pieces within your interior project and add to your unique identity.

Although we have a wide range of standard 3D panel designs that you can choose from, we are excited to work with you to create a unique design just for you and specific to your project - we understand that it is important to stand out.

Utilising our highly advanced CNC technology, our skilled CAD technicians, programmers and operators are able to machine decorative patterns in to the face of a variety of panel options including:

- **Solid Surface**
- **All grades of MDF**
- **CDF**
- **Plywood**
- **Composites**
- **Combination of materials e.g. veneered solid surface**

For more details, please see our separate Carved brochure.



Fire Retardant Doors & Frames

Shield® is our dedicated brand for certified fire doors and frames.

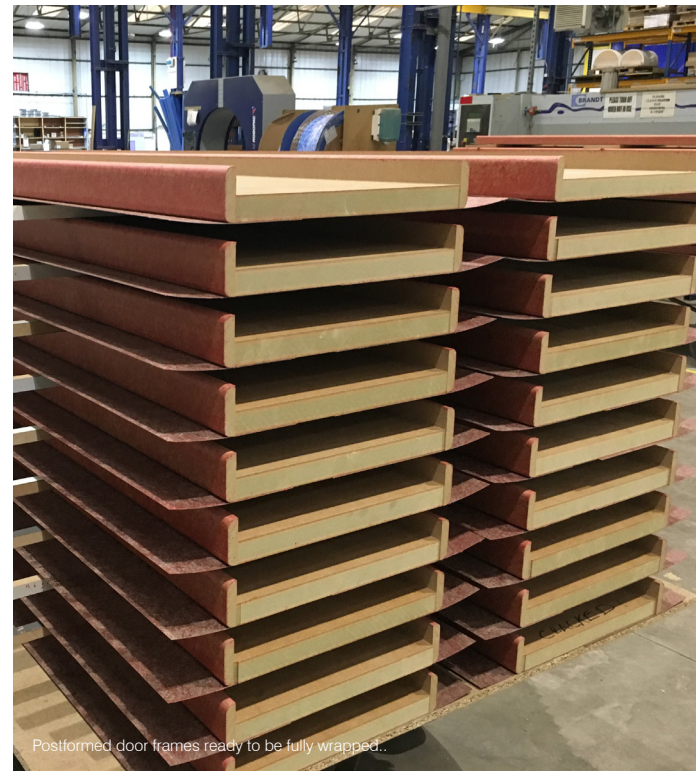
We specialise in encapsulated, postformed and flush HPL fire rated doors on a supply only basis to the door industry.

Our scope allows you to outsource specific manufacturing steps to free up your own capacity or to provide a fully finished product ready to be installed based on individual project requirements.

We can, on request, manufacture doors and frames under BM Trada's Q-Mark scheme, ensuring vital third party certification is provided and maintained. As active members of ASDMA (Architectural and Specialist Door Manufacturers Association), we promote best practice at all levels for what is, fundamentally, a life-saving product.

Starbank owns extensive primary test evidence on postformed encapsulated fire doors and frames up to 60 minutes.

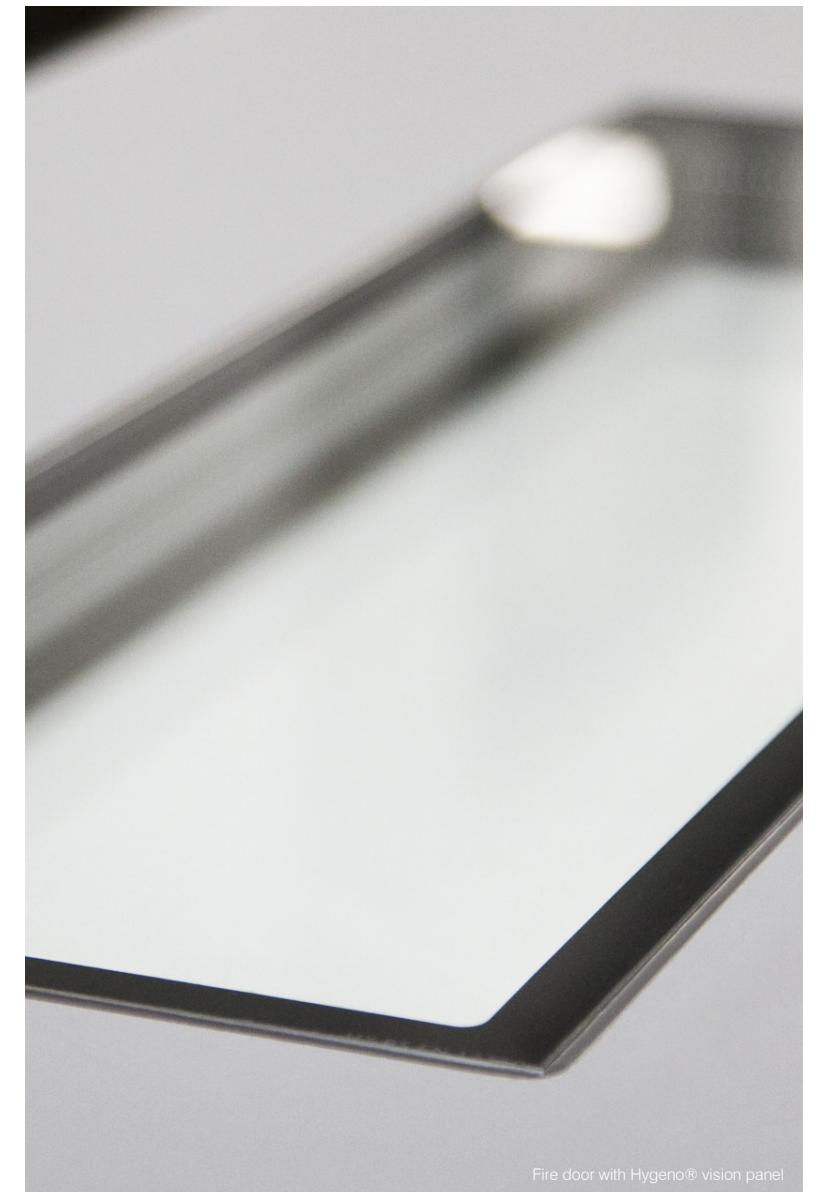
For more details on our Shield offer, please visit the Starbank website at www.starbank-uk.com



Postformed door frames ready to be fully wrapped..

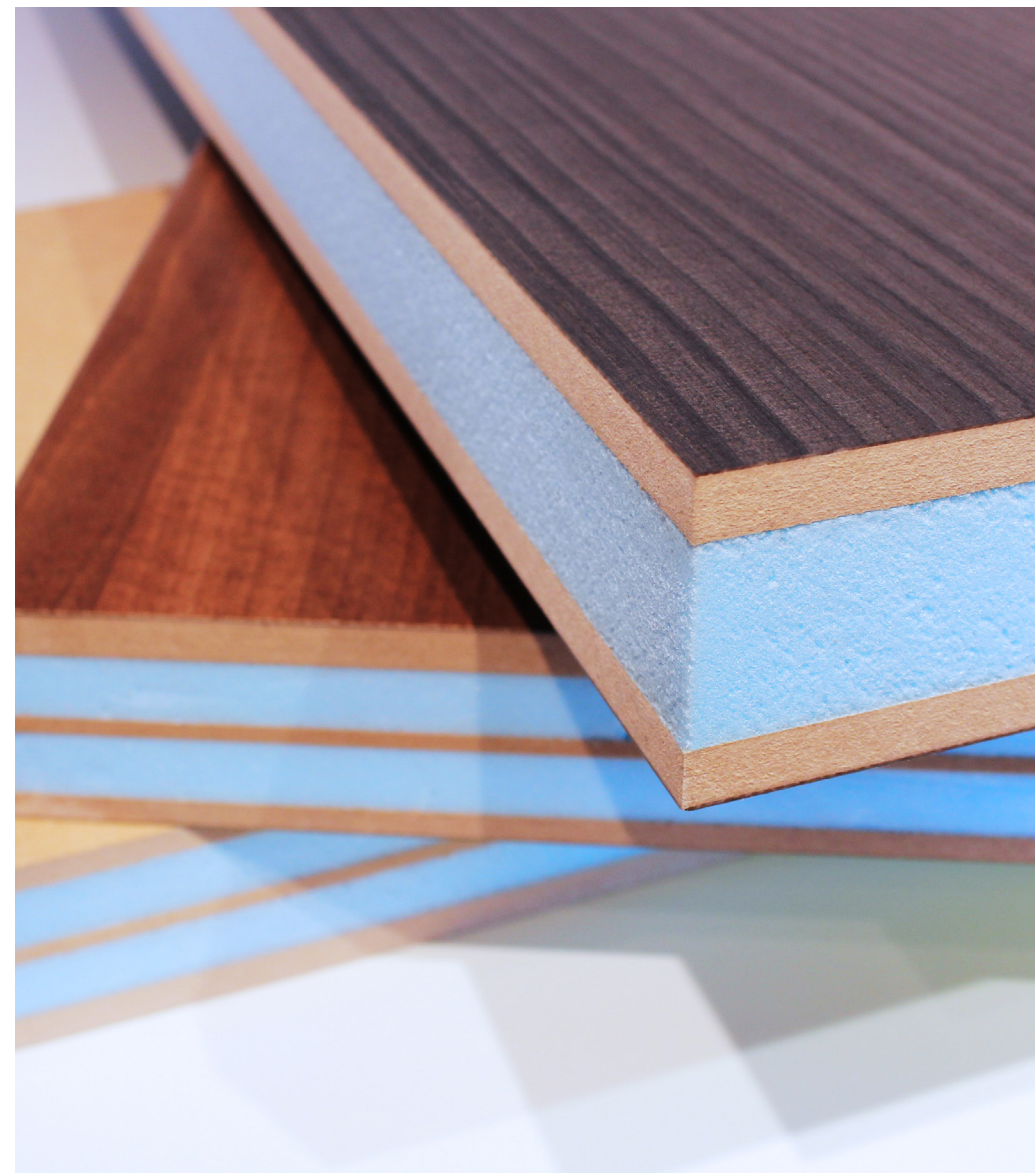
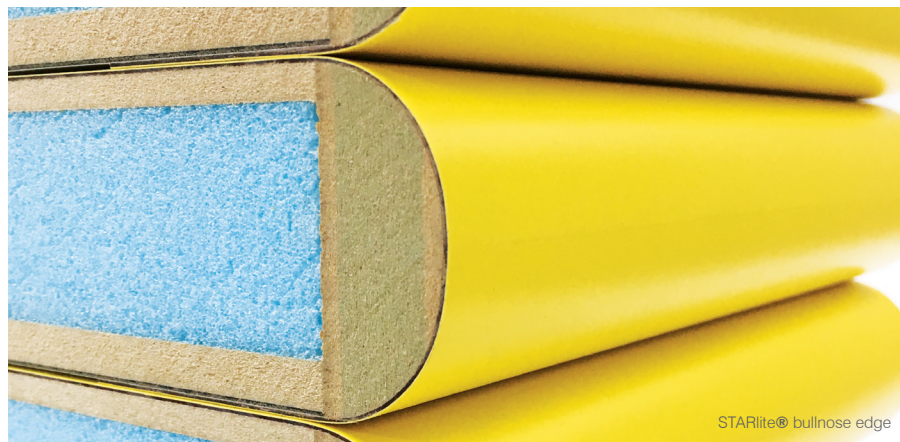


Hinge rebate detail



Fire door with Hygeno® vision panel





STARlite® Lightweight Composite Panels

STARlite® is our lightweight solution to a heavy industry problem.

The Problem:

We have seen an increase in the specification of thicker panels being used in all areas of interior fit out, especially large format bench tables and decorative ceiling slats. This leads to problems faced with traditional fabrication methods, making panels heavy, cumbersome and difficult for installation teams, even when using lightweight MDF or chipboard cores.

Our Innovative Solution:

Exclusive to Starbank, we have designed and developed STARlite, the lightweight composite panel.

STARlite is constructed by removing most of the heavy core material and replacing it with a unique high density foam. The construction method that we have developed ensures standard fixings can be used rather than specialist fixings or manufacturing methods.

STARlite has undergone specialist testing at FIRA UK, gaining their highest safety rating awarded.

The test measured how a finished STARlite® panel performed against FIRA's Load and Deflection Test. It also included the BS 6222 Part 3 Adhesion Test for the edge banding detail using our PUR Edge adhesive system. The STARlite lightweight panel achieved the highest rating given by FIRA, with results similar to standard MDF and chipboard demonstrating the quality of products produced by Starbank.

More information including technical details on STARlite can be found in our separate STARlite brochure.

Coming Soon

STARlite® | eco



FIRA Tested
Details on Request

A BM TRADA Company



Washroom Component Panels

Washroom design, user experience and demand for high quality spaces has changed considerably over the years.

Cubico is Starbank's exclusive washroom component offer, for this very specific side of the fit out industry.

Concentrating on the fabrication side of production, we offer you washroom component panels for all market sectors, including: commercial, leisure, healthcare and education.

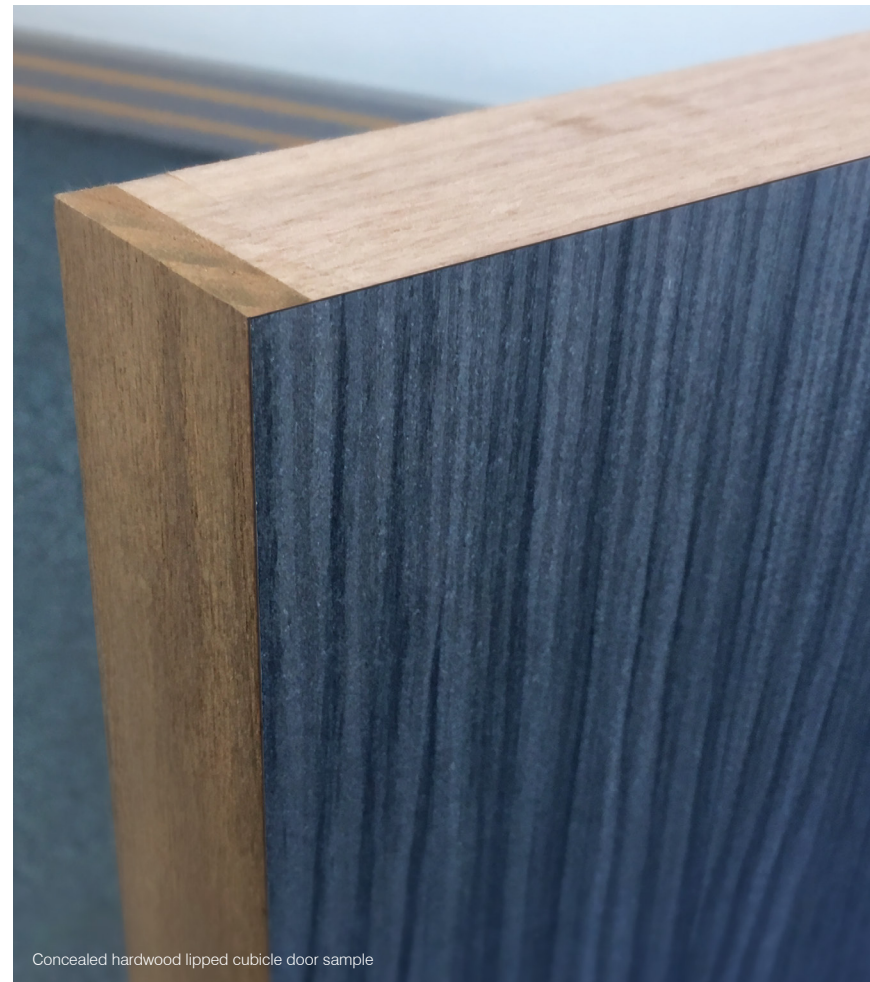
Cubicles designed for the younger education sectors are all height appropriate, from preschool right through primary school. All our other washroom ranges are full height as standard.

We have supplied many commercial projects with uniquely fabricated components including:

- **Cubicle Doors**
- **Pilasters**
- **Partitions**
- **IPS Panel Systems**
- **Vanity Units & Worktops**

We fabricate washroom components from the following materials:

- **Melamine Faced Chipboard**
- **High Pressure Laminate**
- **Solid Grade Laminate**



Concealed hardwood lipped cubicle door sample





Manchester Royal Infirmary



IPS system components



Unit with HTM63 grade worktop

Office Furniture Components



Retail Display & POS Unit Components



Jewellery display unit base



Jewellery display base and sales counter unit components



School tabletops and perimeter storage units.



Student accommodation furniture



Shield® fire door & laboratory worktops



Radii Partitioning - Wall components for a financial institute in Canary Wharf



STARlite® lightweight bench, table and seating



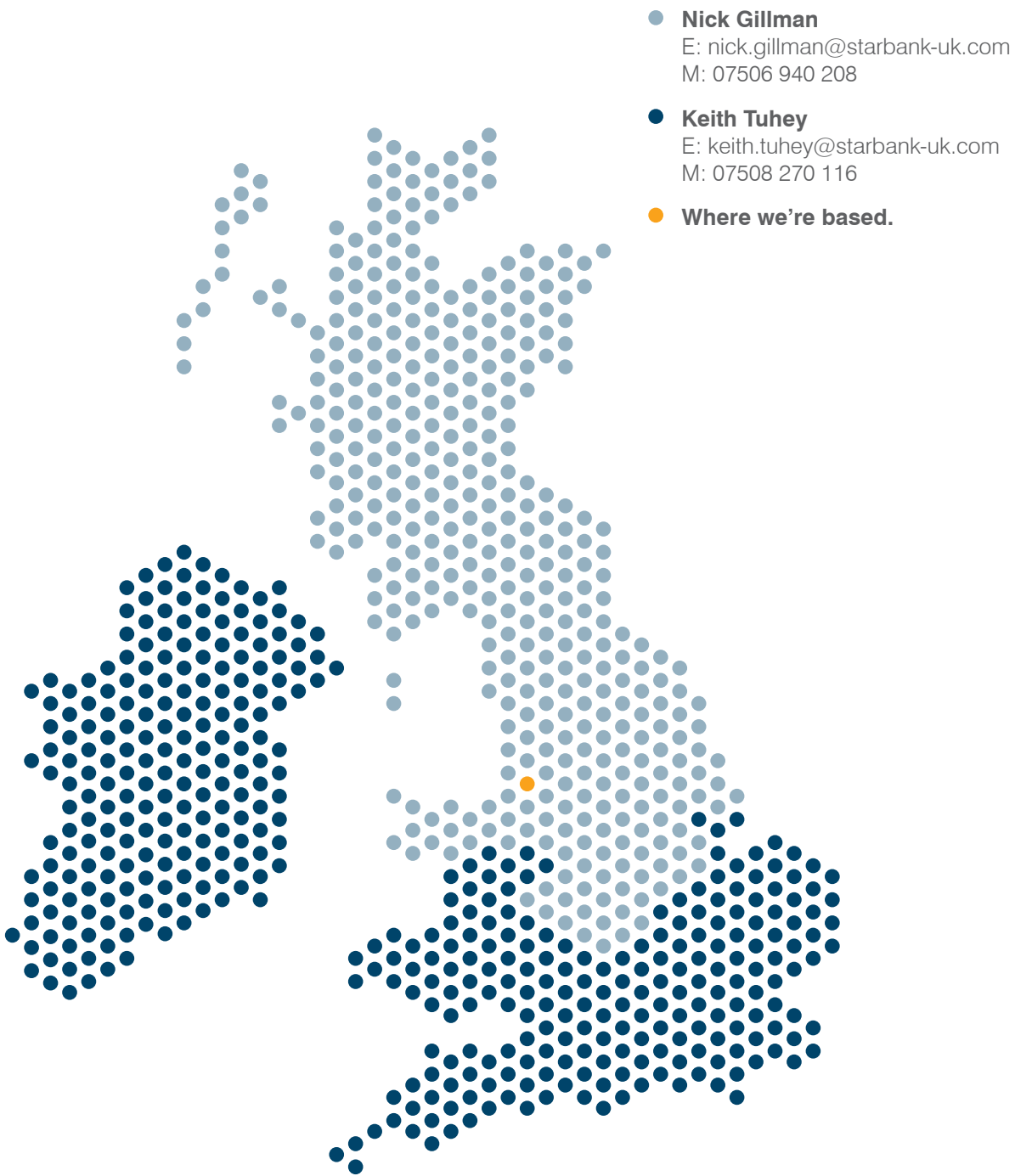
Shaped table tops



We have an extensive supplier network & excellent buying power, just for you.

If you would like to discuss the specific brands of panel manufacturers that we can work with, or what would be the best material specification for your project and budget, then please get in touch. We are always happy to talk through your options and find the best solution that works for you.

Bringing Value To The Surface®





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- **Where we're based.**

External Sales & Support

We hope our brochure has inspired you to get in touch. To arrange a consultation with one of our regional account managers, contact us by your preferred method.

Connect with us online through our website and social media channels:

01925 223 965
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 **@StarbankPanel**
 **Starbank Panel Products Ltd**

We have dedicated customer service representatives who will deal with all your queries from production information right through to your delivery schedule.

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