

Specialist roofing and façade systems fabricator



Shingles Roofing and Façade Tiles

www.belfryltd.co.uk

Belfry
FAÇADE SYSTEMS LTD

“Each panel is mechanically notched and folded in a single-stage process for a perfect finish every time.”



Shingles

Belfry's rainscreen Shingle system gives an excellent, bespoke appearance to any roofing, façade or soffit area and offers versatility and cost-effectiveness to your project. Commonly these are fixed back to a compatible timber, steel or composite decking to meet the project requirements.

Shingle shapes and sizes can vary to suit aesthetic preferences, with square, rectangular, diamond and rhomboids all common and sizes conventionally up to a maximum of 3000mm in length and 600mm in width. There is enormous flexibility to lay shingles horizontally, vertically or for a really unique appearance, diagonally either in a staggered, or an aligned formation.

Each panel is mechanically notched and folded in a single-stage process for a perfect finish every time. A wide array of metals are available for use, including Zinc, Copper, Aluminium, Coated Steel, Corten and Stainless Steel. In addition to offering high-quality aesthetics, Shingles can offer a cost-effective solution when compared to similar façade systems.

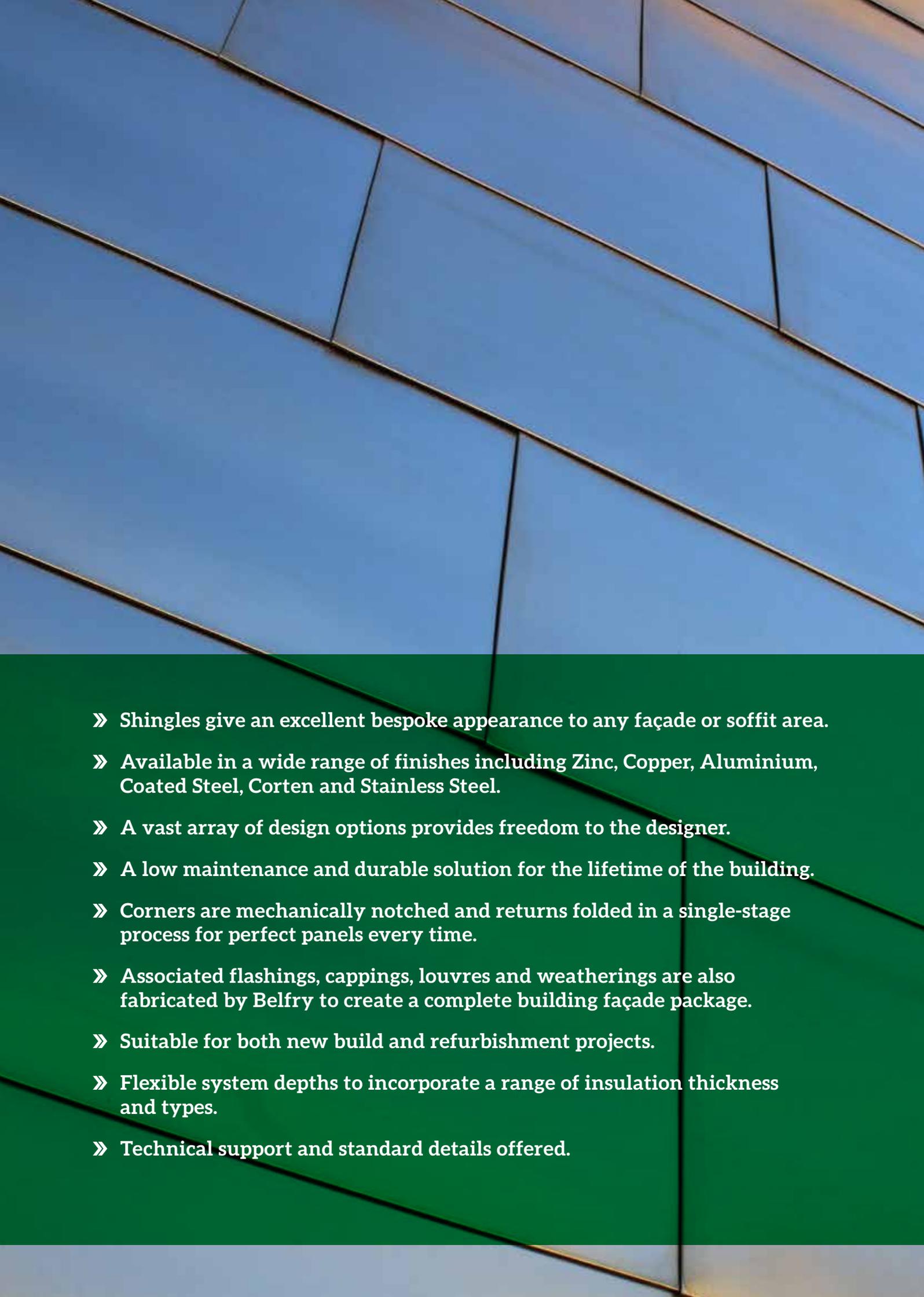


Easy to Install

Our shingle system is simple to install and can be completed by any competent facade contractor, although it is recommended that contractors attend our 1-day workshop course, aimed at familiarising their installers with our standard details, installation techniques and setting out procedures.

Alternatively we are able to offer a list of recommended contractors who are able to complete the install.

The shingles simply interlock into one another using a 180 degree fold and hidden cleats. The hidden fixings are installed on the upper and side fold which are then covered by the succeeding shingle.

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- » Shingles give an excellent bespoke appearance to any façade or soffit area.
 - » Available in a wide range of finishes including Zinc, Copper, Aluminium, Coated Steel, Corten and Stainless Steel.
 - » A vast array of design options provides freedom to the designer.
 - » A low maintenance and durable solution for the lifetime of the building.
 - » Corners are mechanically notched and returns folded in a single-stage process for perfect panels every time.
 - » Associated flashings, cappings, louvres and weatherings are also fabricated by Belfry to create a complete building façade package.
 - » Suitable for both new build and refurbishment projects.
 - » Flexible system depths to incorporate a range of insulation thickness and types.
 - » Technical support and standard details offered.



Cost-effective solution



High-quality appearance



Many options in both shape and joint type



At Belfry we provide a wide range of solutions to suit our client's requirements. We have a library of typical details for our Shingles system and a design consideration summary to assist with our client's design.

We can offer flexibility throughout the system, offering options in shape, joint type and joint layout, to allow a whole host of combinations for your project.

Shapes—Square, Diamond, Rectangle, Rhomboid, Triangle, Hexagonal, Fishscale or bespoke to suit Layout— Either Aligned or Misaligned to suit Joint Type—Traditional, Recessed Joint, Joggle Joint, or a combination of two types is possible.

Technical Data

System type	Rainscreen façade
Panel width	150-600mm
Panel length	150-3000mm
Deck options:	Compatible timber, steel or composite deck
Panel Fixings:	23mm Stainless cleats fixed with suitable fixings dependant on deck
Fixings Centres:	Project specific

Joint Types



Description: A traditional flatlock welded joint with 25mm returned edges interlocking into one another

Sizing: 100-3000mm Length
100-600mm Width



Description: A new bespoke joint from Belfry featuring a modern style recessed joint for a sleek flat appearance. The width of the joint can be altered to suit visual preferences.

Sizing: 100-3000mm Length
100-600mm Width
5-35mm Joint Width

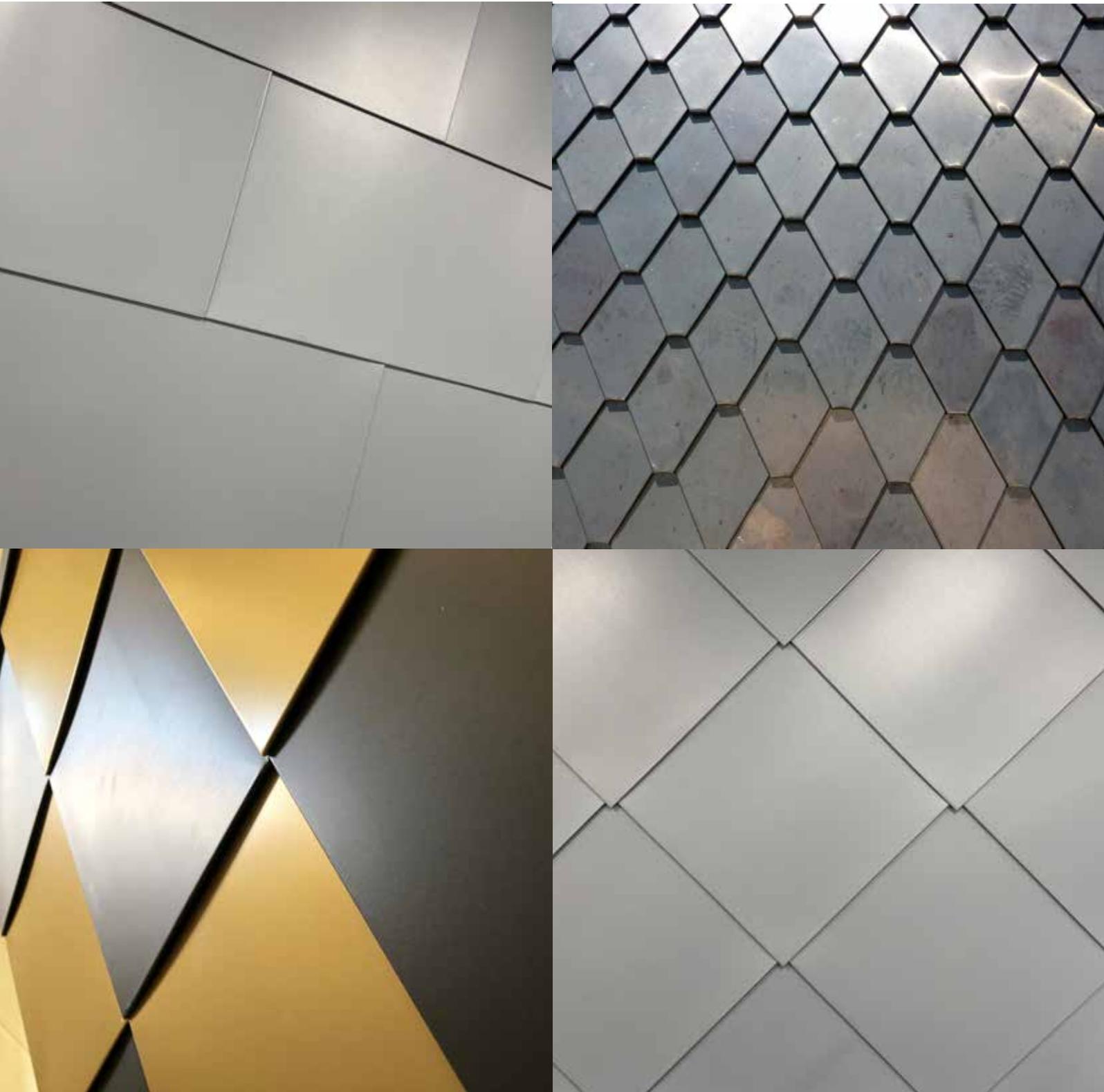


Description: Another new bespoke joint offering, the inverse of the recessed joint. This joint sits proud with the main face of the panel sitting flat against the substrate. The joint width can also be altered to suit.

Sizing: 100-3000mm Length
100-600mm Width
20-50mm Joint width



Description: In addition to the above joint profiles we are able to mix and match profiles for a truly unique appearance. We are also happy to discuss alternative joints that you may require for your individual project.



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