SШISSPEARL

Roofs





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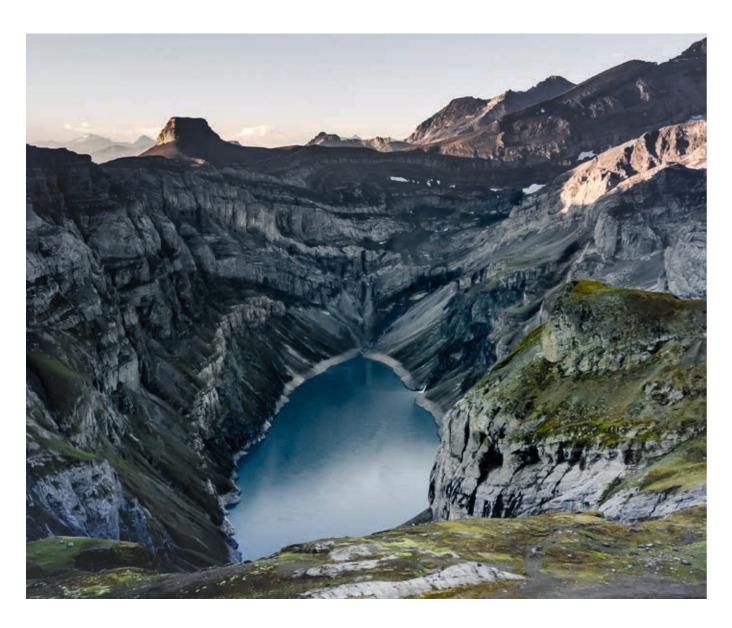
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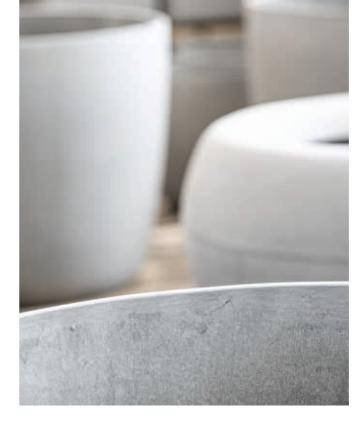


Respect for People and the Environment



Fascination with fibre cement - a highly resistant and durable building material

Fibre cement has long been an excellent material for design and construction due to its wet formability and exceptional strength when dry. Its durability and reliability are achieved through a precise material composition that is subject to constant research and further development. The production process is a combination of many years of experience in traditional manufacturing and innovative further developments based on the latest findings.







Our fibre cement consists of cement, pulp, water, plastic fibres and air. The combination of these ingredients results in a durable building material that is also lightweight compared to other cement materials. Holding the material reveals its homogeneous nature and surface quality. Its appearance highlights the unique character and natural texture.



Fibre cement is an extremely versatile material that can be used in a variety of ways. Optimally coordinated raw materials and a consistent inventive spirit form the recipe for success of a product that has remained on trend for over 100 years and has become an integral part of architecture.

Tradition and Innovation – We Build on Strong Values



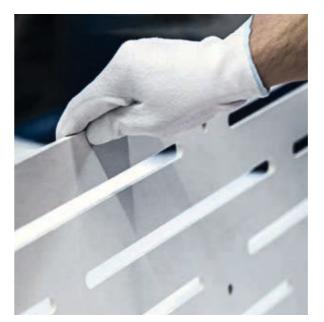
As a Swiss family-owned company, we think in terms of generations and have been doing what we do best for decades: With curiosity, passion and commitment, we create innovative and durable fibre cement products for facades, roofs, interior finishing and gardens.

Today, the Swisspearl Group is headquartered in Niederurnen, in the heart of the Swiss Alps. One of the first production facilities for fibre cement was founded here in 1903. The success story of our fibre cement began in Vöcklabruck in 1894. The place where it was invented by Ludwig Hatschek.

Today, the traditional production process is combined with state-of-the-art technology. We are proud of our leading position in the innovation and technology of this material, which is used worldwide in the design of architecture and living spaces.

Swisspearl stands for Swiss quality - worldwide.





It is our goal to become the number one in the field of high-quality fibre cement. By always aiming that little bit higher, with a mindset that is always ahead of the game, and achievements that always go a little further than others on the market, we transform living spaces into dream homes.

However, there is much more to over 125 eventful financial years, namely pioneering spirit, expertise and the courage to break new ground – for a stable future.



Every step counts in construction projects. This also applies to manufacturers. Thanks to the long tradition behind our group of companies, experienced employees are able to produce highquality fibre cement products from optimally coordinated raw materials with expertise, precision and craftsmanship. The interplay between tradition and innovation has made the use of fibre cement products possible in buildings all over the world for over 100 years.



ROOF SLATES

Fibre cement slate offers various advantages: It is made from environmentally friendly, recyclable raw materials. Thanks to its low weight, roofing work can be carried out very quickly and efficiently. A special coating makes roofs particularly weather-resistant and ideally suited to changing climatic conditions.



BERONA SLATES



Swisspearl Berona Slate is a fibre cement roofing slate with a smooth surface and smooth edges. The flat overlap profile creates a particularly sleek appearance. The grey based slates are available in two timeless colours.

Manufactured to the highest European standards, the slate combines light weight and durability. It is easy to install and offers the ideal economical alternative to natural slate.



Family House Pulečný, Pulečný, Czechia. Architect: Domesi s.r.o., Prague, Czechia. Photographer: Lina Németh, Czechia.





Panels Base panel: Grey based. Coating: Opaque.

> **Panel format** (width × length) 300 x 600 mm, 600 x 600 mm, thickness 4 mm.

For a detailed summary of the sizing and colour options, please refer to our website.

Colours 2 standard colours.

Roof pitch Can be used from an inclination of 25 degrees. (Should you need to use from an inclination of 20 degrees, please contact our technical department.)

Panel weight m² Due to the different conditions depending on the format and country-specific requirements, this information can be found in the technical data sheets.

Mounting

Technical data Detailed information can be found in the DIM - "Design and Installation Manual".

Warranty

Berona slates carry a 10-year colour and 30-year structural warranty when fixed in accordance with the latest versions of SR 82 Irish Code of Practice for slating and tiling and BS5534.

Technical data

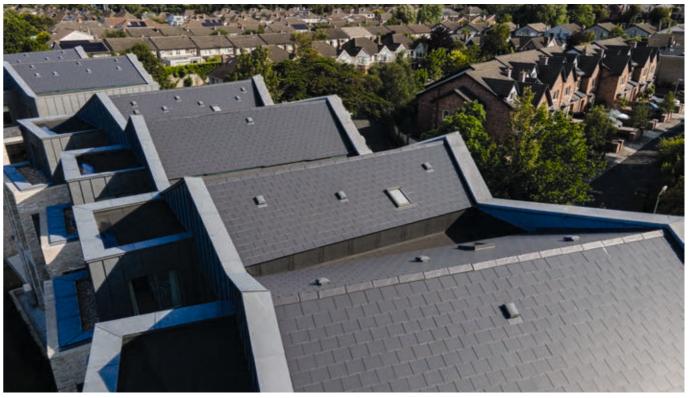
Fixed with 2 copper nails and 1 copper crampion.

BERONA XXTRA SLATES



Swisspearl Berona Xxtra Slate is a fibre cement roofing slate with a smooth surface and smooth edges. The flat overlap profile creates a particularly sleek appearance. The slates are pigmented during production and are fully compressed.

Manufactured to the highest European standards, the slate combines light weight and durability. It is easy to install and offers the ideal economical alternative to natural slate.



Fey Yerra Lane, Dublin, Ireland. Photography: Aaron Daly Photography Dun Laoghaire, Ireland.

Slate Graphite

Technical data

Panels Base panel: Grey based. Coating: Opaque.

Panel format (width × length) 300 x 600 mm, 600 x 600 mm, thickness 4 mm.

For a detailed summary of the sizing and colour options, please refer to our website.

Colours 1 standard colour.

Roof pitch

Panel weight m² Due to the different conditions depending on the format and country-specific requirements, this information can be found in the technical data sheets.

Mounting

Technical data Detailed information can be found in the DIM - "Design and Installation Manual".

Warranty

Berona Xxtra slates carry a 20-year colour and 30year structural warranty when fixed in accordance with the latest versions of SR 82 Irish Code of Practice for slating and tiling and BS5534.

Can be used from an inclination of 25 degrees. (Should you need to use from an inclination of 20 degrees, please contact our technical department.)

Fixed with 2 copper nails and 1 copper crampion.

BERONA STONEDGE



Swisspearl Berona Stonedge Slate is a roofing slate with a smooth surface and dressed edges that capture the elegance of a slate roof. Once laid, it creates a harmonious, flat appearance that lends any roof a high-quality simplicity. Berona Stonedge Slate also offers all the advantages of fibre cement: lightweight, fireproof, weatherresistant and durable.

The grey based Slate is available in one authentic, dark slate shade.





Slate Graphite

Technical data

Panels Base panel: Grey based. Coating: Opaque.

Panel format (width × length) 300 x 600 mm, 600 x 600 mm, thickness 4 mm.

For a detailed summary of the sizing and colour options, please refer to our website.

Colours 1 standard colour.

Roof pitch Can be used from an inclination of 25 degrees. (Should you need to use from an inclination of 20 degrees, please contact our technical department.)

Panel weight m² Due to the different conditions depending on the format and country-specific requirements, this information can be found in the technical data sheets.

Mounting Fixed with 2 copper nails and 1 copper crampion.

Technical data Detailed information can be found in the DIM - "Design and Installation Manual".

Warranty

Berona Stonedge carries a 20-year colour and 30year structural warranty when fixed in accordance with the latest versions of SR 82 Irish Code of Practice for slating and tiling and BS5534.

BERONA STRUCTURED



Swisspearl Berona Structured Slate is a roof slate with a rough surface and dressed edges that combines the lively look of a natural slate with the advantages of fibre cement: long durability and high weather resistance with an incredibly light weight. Compared to a natural slate roof, installation is a breeze.

The grey based slates are available in two authentic, dark slate shades with opaque coating. Their textured structure emphasises their natural and expressive character.



Lusk, Ireland. Photographer: Aaron Daly Photography, Dun Laoghaire, Ireland.

Slate Graphite

Technical data

Panels Base panel: Grey based. Coating: Opaque.

Panel format (width × length) 242 x 500 mm, 300 x 600 mm, 492 x 500 mm, 600 x 600 mm, panel thickness 4 mm.

Colours 1 standard colour.

Roof pitch

Panel weight m² Due to the different conditions depending on the format and country-specific requirements, this information can be found in the technical data sheets.

Mounting

Technical data Detailed information can be found in the DIM - "Design and Installation Manual".

Warranty Berona Structured carries a 20-year colour and 30-year structural warranty when fixed in accordance with the latest versions of SR 82 Irish Code of Practice for slating and tiling and BS5534.

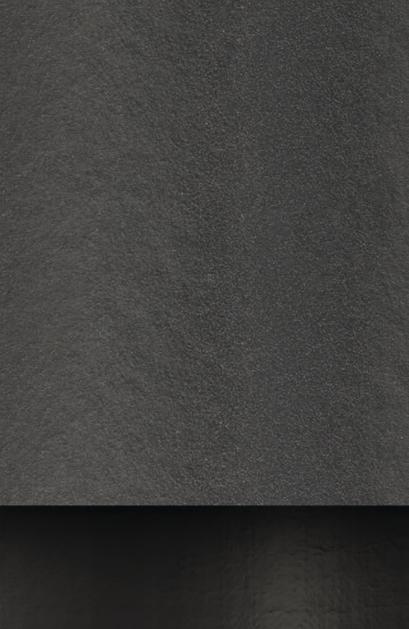
For a detailed summary of the sizing and colour options, please refer to our website.

Can be used from an inclination of 25 degrees. (Should you need to use from an inclination of 20 degrees, please contact our technical department.)

Fixed with 2 copper nails and 1 copper crampion.

CORRUGATED SHEETS

Unmistakable design language, curved lightness: corrugated sheets and their matching accessories from Swisspearl set accents. Their simple design has made them a modern classic in roof and facade design - a perfect choice for all agricultural and industrial buildings.



B5



Swisspearl B5 is a corrugated fibre cement board with timeless aesthetics and durable quality. A colour spectrum of saturated, natural tones and subtle shades of grey to black allows for versatile use.

B5 offers a durable and economical solution for large roof areas in particular. The corrugated sheets are quick to install and easy to replace if damaged.

They are weather-resistant, storm-proof and the diffusion-open material minimises condensation. In addition, noise is minimised in the event of weather influences such as wind, rain or hail, which contributes significantly to animal welfare when roofing stables.

Swisspearl B5 can also be used as cladding on the facade of a building.



Pagestown, Ireland. Photographer: Aaron Daly Photography, Dun Laoghaire, Ireland.















Olive Green

Technical data

Panels

Base panel: Grey based. Coating: Opaque.

Panel format

Height 36 mm, width 1020 mm, length min. 1375 mm to max. 3050 mm, panel thickness 6 mm.

For a detailed summary of the sizing and colour options, please refer to our website.

Colours 6 standard colours and natural grey.

Roof pitch Can be used from an inclination of 7 degrees.

Panel weight m² 11,4 kg/m²

Mounting Visible on wooden or steel substructure: Screws with sealing washers.

Technical data

Detailed information can be found in the "DIM-Design and Installation Manual".





Swisspearl Cemsix is a corrugated fibre cement roof panel with a classic, timeless look. It is available in three dark, saturated colours and a natural shade of grey. It really comes into its own on large roof surfaces and facades. Strikingly light appearance and installation with unbeatable cost efficiency.

The corrugated sheet simply combines many advantages such as low weight, long durability, weather resistance, low noise and fire resistance into an economical, high-quality product.

Cemsix ventilation accessories have been designed to accommodate differing approaches to ventilation according to the application the building will be used for. The ventilation options allow compliance with the latest requirements for animal welfare.

Swisspearl corrugated sheets are high-quality fibre cement products used as roofing and cladding on agricultural and industrial buildings.









Natural Grey



Van Dyke Brown

Technical data

Panels

Base panel: Grey based. Coating: Opaque

Panel format

Height 54 mm, width 1086 mm lapped, 1000 mm spaced, length min. 1525 mm to max. 3660 mm, panel thickness 6 mm.

For a detailed summary of the sizing and colour options, please refer to our website.

Colours

3 standard colours and natural grey.

Roof pitch

Can be used from an inclination of 7 degrees.

Panel weight m²

17,0 kg/m² laid with a 150 mm headlap

Mounting

Visible on wooden or steel substructure: Screws with sealing washers.

Technical data

Detailed information can be found in the "DIM-Design and Installation Manual".

Service

Warranty

Our products are manufactured to the highest quality standards. Production is subject to constant quality controls. This includes tests in third-party facilities, as well as in our in-house laboratories. If delivered products do not provide the specified performance, the warranty is valid, which covers the function of the panels and accessories. The warranty assumes that the instructions in the latest edition of the DIM - Design and Installation Manual have been followed.

Material properties

The printed colour shades shown may differ from the original colour shades. The sample panels should be used for the exact identification and colour coordination of neighbouring building parts. Fibre cement panels owe their unique character to natural ingredients, among other things. Slight variations between the different production batches can therefore not be ruled out.

Differences in texture and colour between the individual panels are a natural part of the production characteristics and underline the vibrant character of the facade effect. Such colour differences are not covered by the warranty.

We are here for you

With comprehensive consulting and service offers, we specifically address the needs of building owners, architects and planners in order to jointly develop qualified solutions. We support you with comprehensive expert advice, detailed documentation, technical manuals and the Swisspearl Architecture Magazine, which has become a renowned publication.

Our high-quality fibre cement products combine outstanding quality and durability to create solutions for aesthetic building envelopes and valuable living spaces. Our dedicated and competent employees are always there for you, your ideas and questions. We look forward to implementing joint projects.





Inspiration from the Swisspearl Architecture Magazine

Numerous construction projects are carried out with Swisspearl products around the world every year. Architecture can and must do a lot. Climate change and the importance of sustainable construction are a challenge for everyone involved in the planning and realisation of a building.

The building envelope of the future enables maximum energy efficiency. With the rearventilated facade made of fibre-cement panels, Swisspearl offers an environmentallyfriendly building shell. In our Swisspearl Architecture Magazine, we present architecturally unique and outstanding construction projects around the globe every year.

Get inspired - swisspearl.com





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