



Swisspearl® Program and colors

Unlimited design solutions

Competence, Excellence and Innovation

Long term experience

For almost 40 years, Swisspearl®'s Research & Development teams have continuously expanded their unique expertise regarding fiber cement material technology, coloration and application of whole systems. These significant technological advances are the backbone of the Swiss quality. Swisspearl® is the only manufacturer which masters the highly demanding production processes for integrally colored fiber cement panels offered in such a wide color variety.

Unique with long time proven quality

Swisspearl® fiber cement panels are manufactured with low energy and high environment consciousness. Thus the products are 100% environmentally friendly. Additionally, they are mainly made of local mineral raw materials. The proprietary processes pioneered by Swisspearl® with special surface finish, sealed edges and back coating ensure optimal behaviour and durability of the panels. Furthermore, Swiss construction authorities testify to over forty years as standard life expectancy. Millions of panels installed throughout the world prove the outstanding, reliable long term quality of the fiber cement panels and coating.

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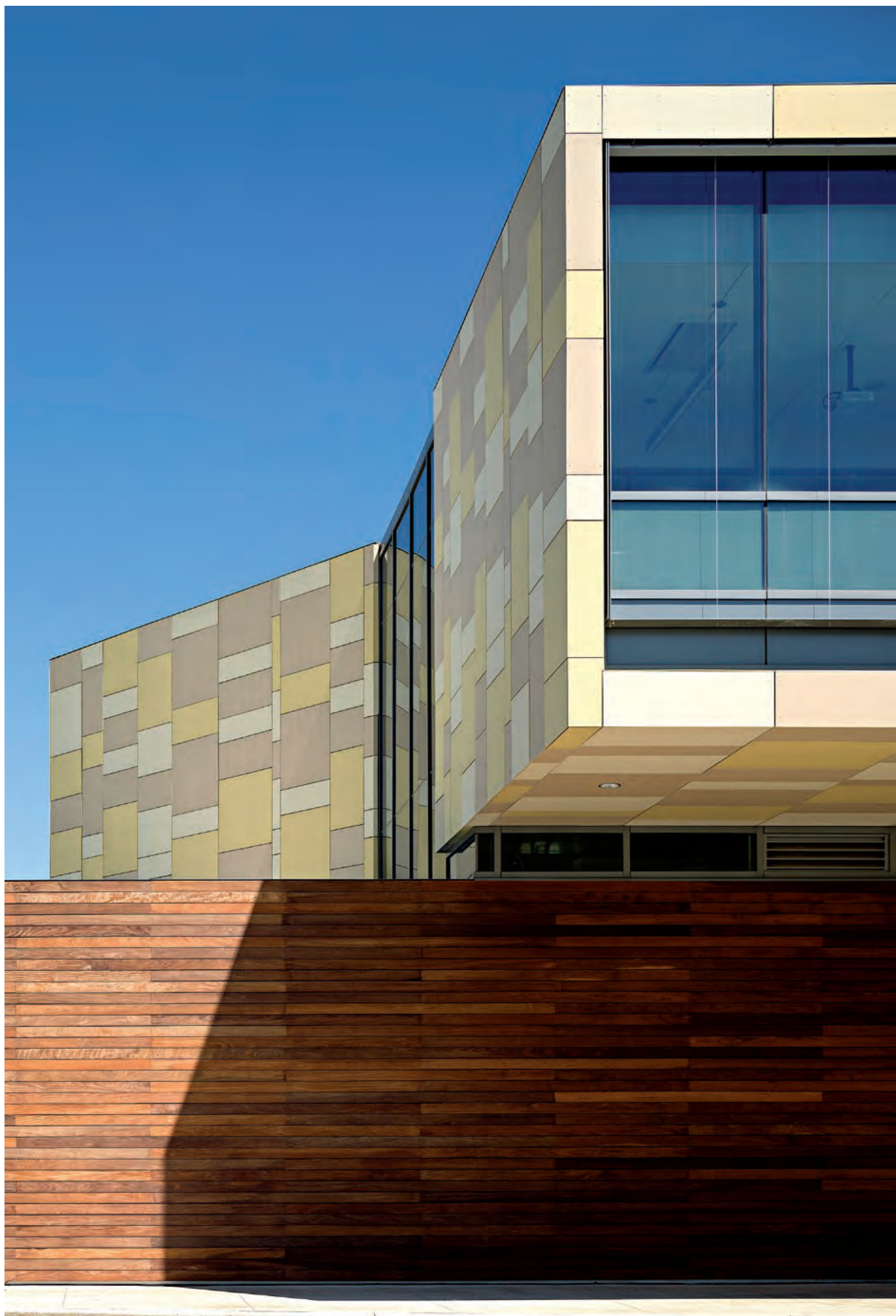


Swisspearl® Façade Panels

From surface areas to façade

No space without surfaces. No interior without an exterior. A façade is the defining element of every building. The first, lasting impression. It is the two- and three-dimensional expression of architectonic creativity and the leeway available for accentuation and differentiation. Additionally, the façade serves as the protective envelope. Its long service life ensures lasting comfort. Swisspearl® façades combine boundless diversity of design and long-lasting functional reliability, for the highest living standards.

Swisspearl® panels are installed in accordance with the ultimate technology of uninterrupted rear ventilation. This fully developed and proven cladding system effectively protects the building structure and with it the whole building from the elements for decades. The panels are rot-resistant, incombustible and virtually maintenance free.





PORTUGAL Primary School, Matosinhos

ARCH Pedro Gomes Fernandes (Europlan), Porto

PHOTO Joao Duarte Morgado, Carcavelos



Info

Colors

A wide range of more than 95 colors (pages 40-46)

Installation

The whole range from flat layer to lapped coverings, with face or concealed fastening

BOSNIA/HERZEGOVINA Importanne Center, Sarajevo

ARCH Studio non stop, Sarajevo

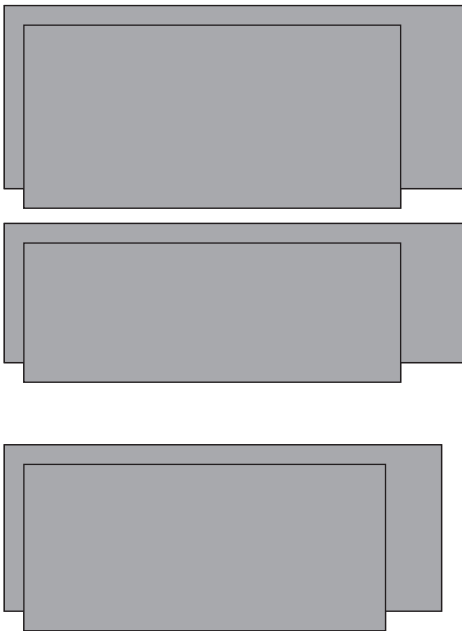
PHOTO Sandro Lendler, Zagreb [Croatia]

Swisspearl® LARGO

Freedom of design without limits

The large-format LARGO Swisspearl® panels give façades what they need: a face, individuality, character, texture, color and, very importantly, a highly effective protective layer. LARGO allows an immense range of possibilities for the design of façades, with an extensive selection of surface textures, various types of joints and fastenings, and panel formats that can be freely selected within the maximum useable size. For visible creativity and to meet the highest aesthetic requirements, in proven Swisspearl® quality.

Useable, finished panel sizes, after all four panel edges have been trimmed off



LARGO

SANDBLASTED

Panel size	Thickness	Sub frame Metal	Sub frame Wood	CARAT	AMERA	REFLEX	NOBILIS	PLANEA	SANDBLASTED
3040×1220 mm	12 mm	■	■	●	●	●	●	●	
2500×1220 mm	12 mm	■	■	●	●	●	●	●	
3040×1220 mm	8 mm	■	■	●	●	●	●	●	
2500×1220 mm	8 mm	■	■	●	●	●	●	●	
2000×1220 mm	8 mm	■	■				●	●	
3040×920 mm	8 mm	■	■	●			●	●	
2500×920 mm	8 mm	■	■	●			●	●	
Panels with 920 mm width are only available in CARAT colors Agate, Black Opal, Coral, Crystal, Sapphire and Topaz and require a minimum order quantity of 500 panels.									
2900×1100 mm	8 mm	■	■						●
2400×1100 mm	8 mm	■	■						●



SWITZERLAND Multi-family house, Winterthur
ARCH OMG + Partner Architekten AG, Winterthur
PHOTO Jürg Zimmermann, Zürich



Info

Colors

A wide range of more than 85 colors (pages 40-45)

Installation

Easy installation with open joints, panels attached by rivets or screws

USA Cummins Station, Nashville
ARCH Smith Gee Studio, Nashville
PHOTO Smith Gee Studio, Nashville

Swisspearl® LINEARIS

Sustainable, elegant and light

LINEARIS are ready-made LARGO panel strips, for installing with open joints. Whether monochrome or multicolored, equal or varying format lengths, with continuous or offset joints – there is immense scope for different combinations. The low consumption of resources and energy for their manufacture, and their long working life, make LINEARIS the epitome of sustainable construction, like all Swisspearl® products.

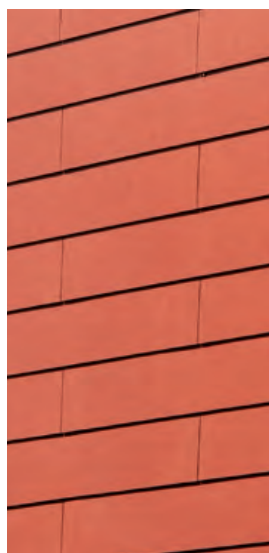
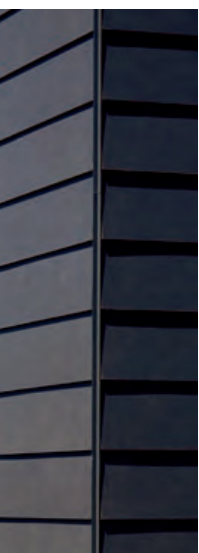
	Panel size	Thickness	Sub-frame						
			Metal	Wood	CARAT	AVERA	REFLEX	NOBILIS	PLANEA
	2500×300 mm	8 mm	■	■	●	●	●	●	●
	2500×147 mm	8 mm	■	■	●	●	●	●	●
	1500×300 mm	8 mm	■	■	●	●	●	●	●
	1500×147 mm	8 mm	■	■	●	●	●	●	●



SWITZERLAND Multi-family house, Winterthur

ARCH Höhn+Partner AG, Dübendorf

PHOTO Jürg Zimmermann, Zürich



Info

Colors

A wide range of more than 85 colors (pages 40-45)

Planning and execution

The MODULA panels are mounted on wooden or aluminum substructures and installed as lapped coverings in accordance with the optimum system of the rear-ventilated façade according to the same principle as the large-format Swisspearl® panels with open joints. Details for planning and execution see the Swisspearl® MODULA Design and Installation Manual.

Installation


Installation of the modules with continuous or offset vertical joints is possible.

Swisspearl® MODULA

Medium-size format for high-end architecture

The horizontal MODULA structure has a fine architectonic rhythm. The slim panel strips, available in two different lengths, are installed as lapped coverings and can be arranged both with continuous and with offset vertical joints. A large number of different surfaces and colors enable numerous additional design variants.

Whether monochrome or multicolored, equal or varying format lengths, with continuous or offset joints – Swisspearl® MODULA provides immense scope for individual combinations.

		Panel size	Thickness	Subframe Metal	Subframe Wood	CARAT	AVERA	REFLEX	NOBILIS	PLANEA
	MODULA	2500×300 mm	8 mm	■	■	●	●	●	●	●
		1500×300 mm	8 mm	■	■	●	●	●	●	●







Swisspearl® Interior design

Moving from the outside to the interior

Whether they are private areas, living and working spaces, or public zones with many passers-by, indoor space means living space. The many requirements that the human being has here extend from the aesthetic aspects to the acoustics, the durability, the surface feel, and the safety aspects.

Swisspearl® Interior design panels, with their unmistakable material characteristics and their technical properties, offer the widest range of design opportunities combined with the highest quality standards, for distinctive interior design.

Swisspearl® is the key for high spec interior spaces of universities, administration, offices, conference rooms, hotels and restaurants, shopping malls, airports, train stations as well as residences. The scope of application is literally unlimited.



USA Pacific Plaza Office Building, Tacoma

ARCH BLRB, Tacoma

PHOTO Steve Wanke, Warren



Info

Colors

A wide range of more than 85 colors (pages 40-45)

Installation

The whole range from flat layer to lapped coverings, with face or concealed fastening

CHILE Metro Station, Santiago de Chile

ARCH Burmeister Arquitectos Consultores S.A., Santiago de Chile

PHOTO Cristian Barahona, Santiago de Chile

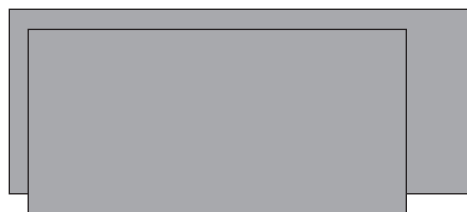
Swisspearl® LARGO INTERIOR

Inspiring freedom of design

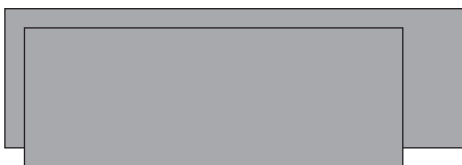
Whether it is for cladding interior walls or ceilings, Swisspearl® LARGO lends a fascinating quality and atmosphere to the room that is being designed, in a surprising new way. The fiber cement material with its delicate surface texture and the carefully matched full-body color, lend the Swisspearl® panels an unmistakable uniqueness, with their pleasant natural appearance and surface feel. What is more, their beneficial physical properties mean that they are extremely tough, durable and fire-resistant, so they are long-lasting, reliable and problem-free.

Swisspearl® panels are also suitable to enhance room acoustics. Made of inert material, perforated Swisspearl® panels are sound-absorbent to approx. 10 decibels. Sound absorption coefficient can be improved by using sound absorbing mats.

Useable, finished panel sizes, after all four panel edges have been trimmed off



LARGO INTERIOR



Panel size	Thickness	Sub-frame Metal	Sub-frame Wood	CARAT	AVEPA	REFLEX	NOBILIS	PLANEA
3040×1220 mm	12 mm	■	■	●	●	●	●	●
2500×1220 mm	12 mm	■	■	●	●	●	●	●
3040×1220 mm	8 mm	■	■	●	●	●	●	●
2500×1220 mm	8 mm	■	■	●	●	●	●	●
2000×1220 mm	8 mm	■	■				●	●
3040×920 mm	8 mm	■	■	●			●	●
2500×920 mm	8 mm	■	■	●			●	●

Panels with 920 mm width are only available in CARAT colors Agate, Black Opal, Coral, Crystal, Sapphire and Topaz and require a minimum order quantity of 500 panels.



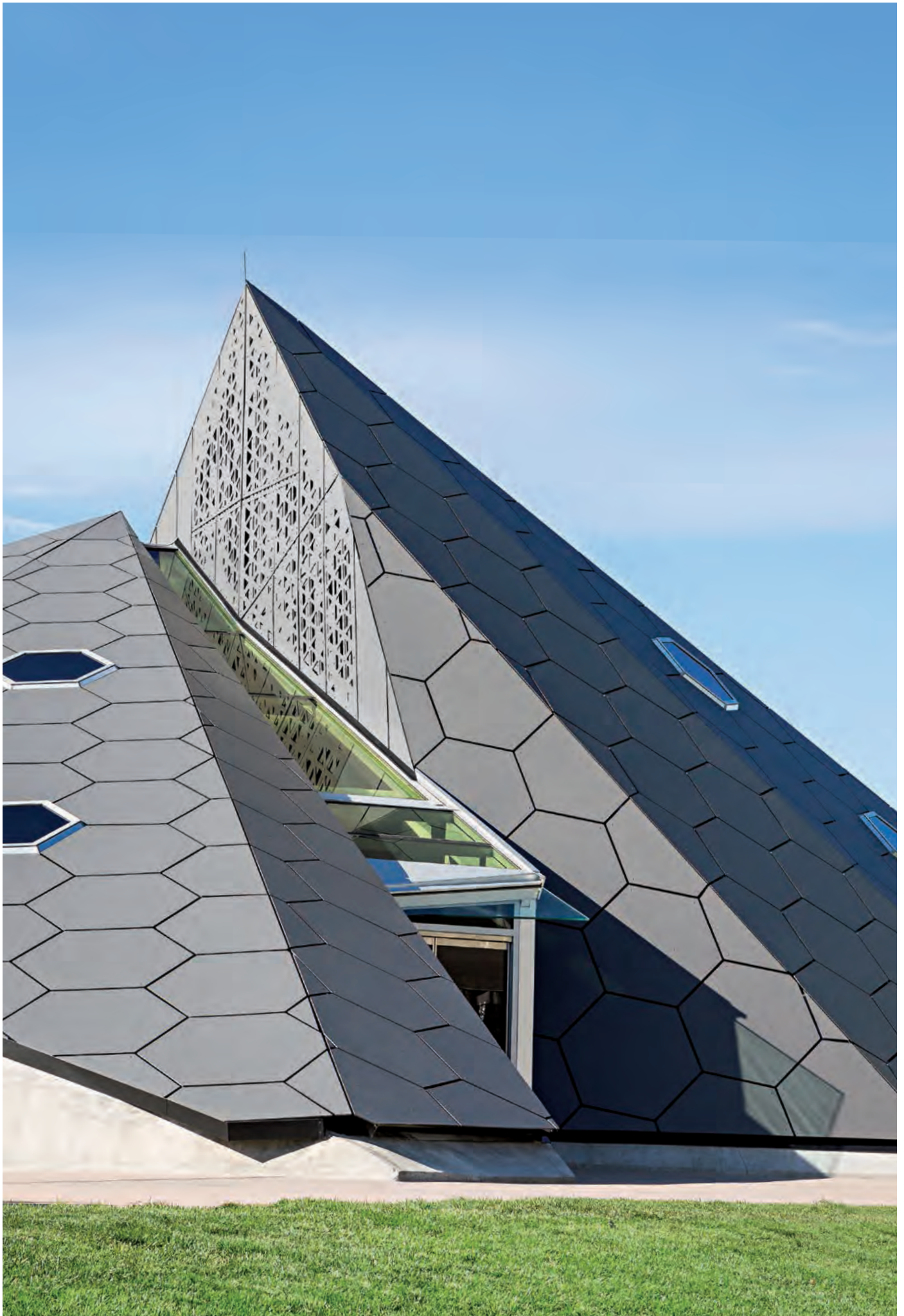


Customized Panels

Be creative

The designing possibilities offered by the wide range of finishes and colors may be complemented with special fabrication or surface treatments. These additional options allow an exclusive, special touch to be given to every high profile building.

The various Swisspearl® specialties rest on the integrally colored panel platform. Panels with perforations, engravings or other surface treatments are provided with an outstanding finish. They may be used individually or in combination with other Swisspearl® panels in same or different shade or with other materials.



Perforations

Designing possibilities with functionality

Holes, slots and other shaped perforations allow the creation of unusual effects. Perforated panels may have a function (sliding shutters, lighting concepts, windscreens, separation, sound absorption, etc.) or be purely decorative. Each perforation project needs to be checked by our technical advisors. As a guideline, the surface of perforations may be up to 18%.

Perforated panels are not available in HR finish and AVERA.



USA MSU Davis-Harrington Welcome Center, Springfield

ARCH Dake Wells Architecture, Springfield

PHOTO Gayle Babcock, Springfield



Engravings

To impress

Geometric designs, unique custom patterns, company logo, etc., the creative possibilities are unlimited. Engravings may be within a panel, change from one panel to the other or run over several panels to create a bigger pattern. The structural feasibility of each intended pattern needs to be checked. As a guideline, the depth of engravings is 1.5 mm (panel 8 mm thickness) or 4.0 mm (panel 12 mm thickness). Please consult a Swisspearl® technical advisor or the Design and Installation Manual.

Engraved panels are not available in HR finish and AVERA.



Panels coated on both sides

Twice the look

Any panel may be finished on both sides. Typical applications are panels for balconies or balustrades (minimum thickness: 12 mm), partition walls visible on both sides, sliding shutters, etc.



CROATIA University of Rijeka

ARCH Hildegard Auf-Franic, Tin Sven Franic and Vanja Rister, Zagreb

PHOTO Sandro Lendler, Zagreb

Sun shading elements

Break the light

Additional customized treatment such as perforations is of course also possible for sun shading elements. With these functional and aesthetic elements heat buildup in sun-exposed rooms can be reduced, thus allowing significant reduction in energy costs for cooling needs.



SLOVENIA Bus Station, Velenje
ARCH Gužić Trplan Arhitekti d.o.o., Ljubljana
PHOTO Miran Kambič, Radovljica







ITALY Semi-detached houses, Uboldo

ARCH Marco Castelletti, Erba

PHOTO Jürg Zimmermann, Zürich [Switzerland]

Swisspearl® Roof

On the Rooftops

The roof is the crowning final touch to every building; the canopy under which the elements of an intelligent, well-proportioned overall design are all brought together. However, besides the aesthetic criteria it also has to meet the very highest demands of resistance against extreme weather. It must serve as protection against blazing sunlight, storms, rain, hail and snow. With a variety of forms, colors and great practical functions, Swisspearl® brings out the boundless diversity of designs, the enhancement and preservation of the value of buildings, at the same time protecting the living rooms and offices and the people in them.



SWITZERLAND Single-family house, Küsnacht

ARCH Rossetti + Wyss Architekten AG, Zürich

PHOTO Jürg Zimmermann, Zürich



Swisspearl®

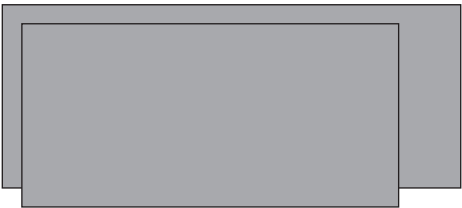
LARGO THE 5th FAÇADE

A clear language to express
architectonic visions

Leave the conventional behind and strike out new paths. Swisspearl® invites you to experiment with space, form and surfaces, and develop creative solutions, without compromising the functional reliability in any way. The large-format roof panels with their proven Swisspearl® quality will add character to roofs with a slope of just 6 degrees or more, and provide an exciting visual effect even when viewed from a distance.

Useable, finished panel sizes, after all four panel edges have been trimmed off

Panel size	Thickness	CARAT R-COLOR
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LARGO
THE 5th FAÇADE

3040×1220 mm	8 mm	●
2500×1220 mm	8 mm	●





Swisspearl® Color Families

Uniqueness and Diversity

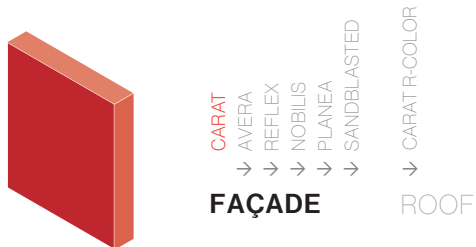
The various color families allow the unique character of the Swisspearl® panels to be expressed in an almost endless diversity. The carefully chosen full-body color and color finishes, each in their own way, emphasize the unmistakable aesthetics of the material, and combine material and color to form a single whole.



ITALY Kindergarden, Bozen/Bolzano

ARCH Fulvio Claudio Melle and Mario Salvalaio, Bozen/Bolzano

PHOTO Jürg Zimmermann, Zürich [Switzerland]



40 CARAT

CARAT

CARAT panels are integrally colored with a transparent or pigmented acrylic top finish shade in shade. The unique natural look and the timeless beauty of the monolithic material with its delicate vein texture provide an exciting and noble expression to every building.

CARAT HR

This special surface treatment offers an increased scratch resistance and a higher UV resistance. Furthermore, most graffiti can be removed using acetone.

Generally the aspect resembles the CARAT finish, whereas HR panels have a slight sheen to the surface. CARAT and HR panels can be used on the same elevation, if possible with a separation between them.

CARAT F-COLOR

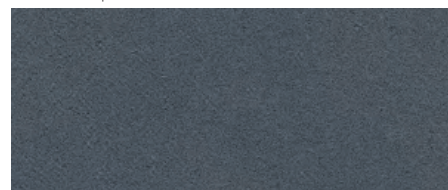
Providing a slightly unsmooth surface, the thicker coating with opaque pigmentation of this acrylic finish allows vibrant colors. It also provides an increased protection against weathering and UV radiation. Available on request in all standard CARAT colors and as custom shades.

CARAT F-Color panels are appropriate to use for inclined surfaces.

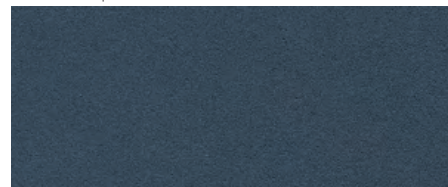
Please note: if colors Onyx or Amber are intended for an inclined surface, it is required to use R-Color panels. R-Color in Onyx and Amber (on a grey base sheet) are available on request.



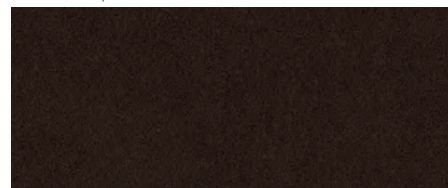
Black Opal 7020



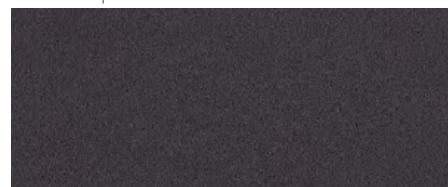
Black Opal 7021



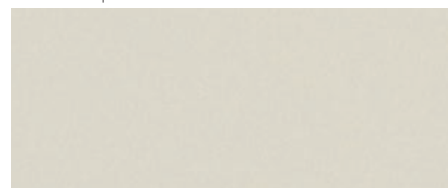
Black Opal 7022



Black Opal 7024



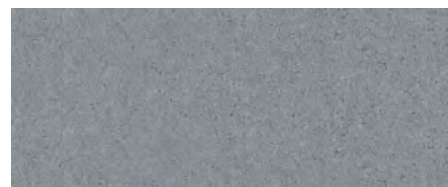
Black Opal 7025



Onyx 7090



Coral 7030



Agate 7219

on a grey base sheet



Sahara 7000



Sahara 7001



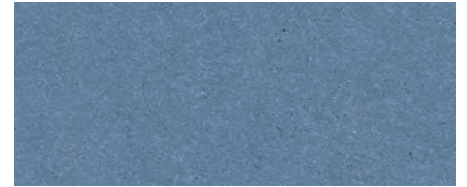
Sahara 7002



Azurite 7040



Azurite 7041



Azurite 7043



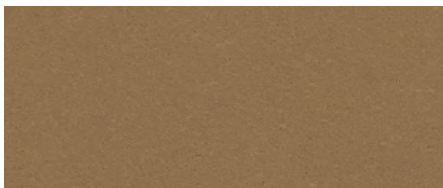
Jade 7050



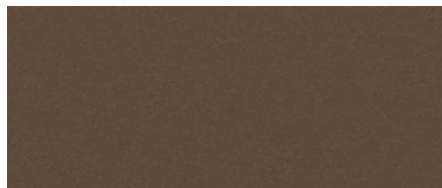
Jade 7051



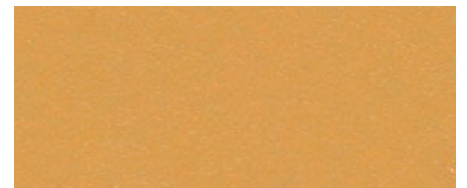
Jade 7052



Topaz 7070



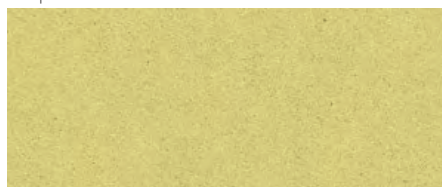
Topaz 7071



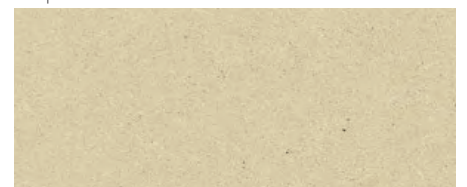
Topaz 7073



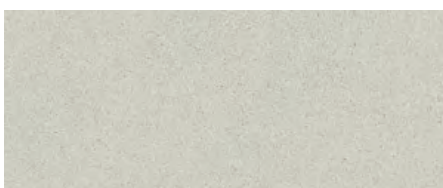
Amber 7080



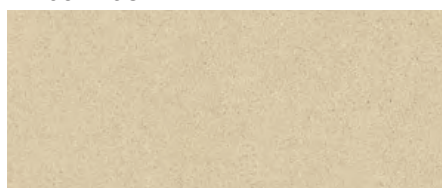
Amber 7081



Amber 7082



Onyx 7091



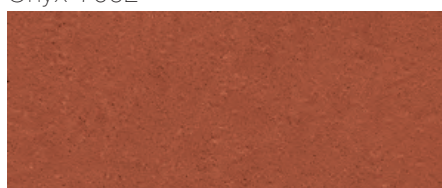
Onyx 7092



Onyx 7099



Coral 7031



Coral 7032



Coral 7033



Crystal 7010



Sapphire 7060



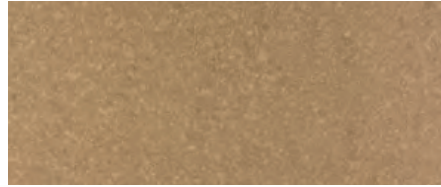
Sapphire 7061



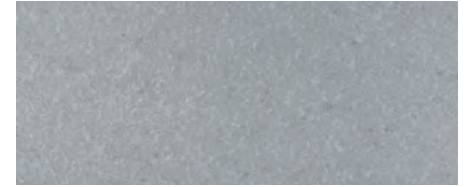
42 AVERA

AVERA

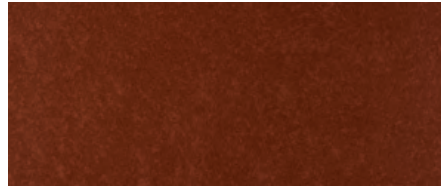
AVERA are solid-colored fiber cement panels with a vibrant texture never seen before. The unique look is characterized by the specifically coordinated dynamic manufacturing process. The resulting natural variation in color tonality and perspective even between the panels expressively emphasizes the authenticity of the material. AVERA gives a façade a unique vibrancy. A high-quality invisible coating provides the AVERA panels with years of protection from weather effects and lets the original look and texture shine through. The special coating also shows strong scratch resistance and offers lasting defense against most graffiti.



AV 000



AV 010



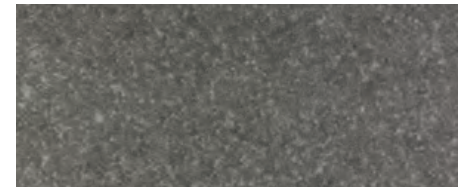
AV 030



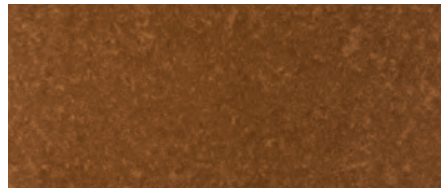
AV 040



AV 050



AV 060



AV 070

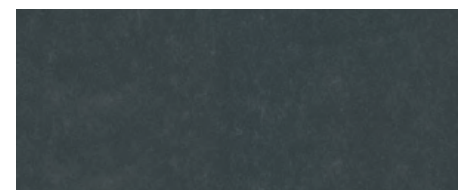


AV 100

XPRESSIV HR

XPRESSIV HR

With its very vivid texture can be perfectly combined with AVERA.



Dark Grey 8220 HR



REFLEX

REFLEX

These panels are directional, mostly integrally colored and have an iridescent surface coating which is purely acrylic. Changing lighting and angles of vision produce amazing nuances in color shades.

For cutting and installation manufacturing direction of sheets is to respect.



Silver 9000 on a grey base sheet



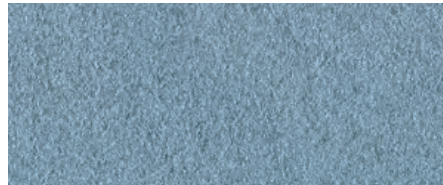
Champagne 9290



Black Velvet 9221



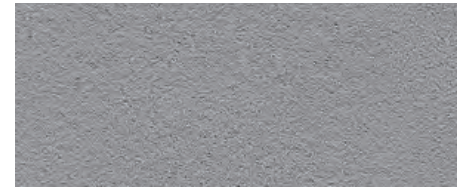
Sunset 9230



Cobalt Blue 9241



Mystic Brown 9271



Platinum 9020 on a grey base sheet



Satin White 9291



Green Lagon 9250



Crimson 9231



Night Blue 9242



Gold 9272



Blue Ice 9240



Autumn Leaves 9270

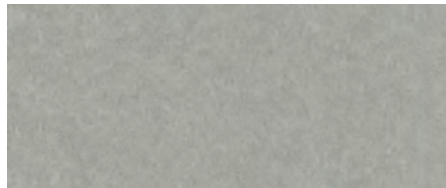


44 NOBILIS

NOBILIS

The semi-translucent surface coating on a pure acrylic basis provides the classic fiber cement appeal with much visual depth to it.

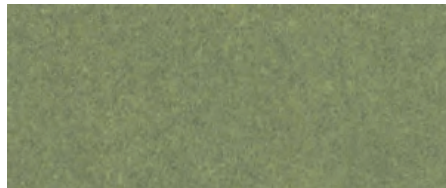
▲ also available with HR-Coating



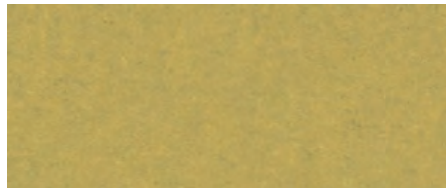
Grey N 215 ▲



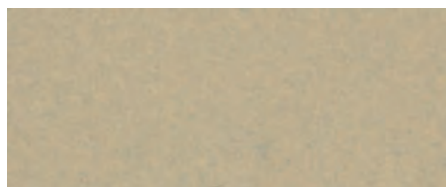
Blue N 412 ▲



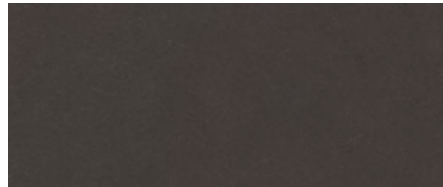
Green N 513



Yellow N 611



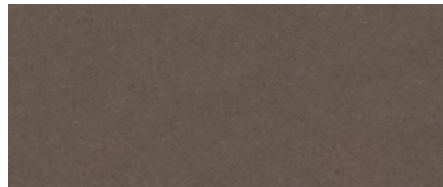
Beige N 811 ▲



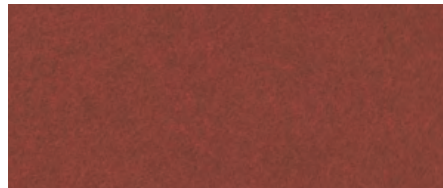
Black N 012 ▲



Grey N 211



Grey N 213 ▲



Red N 312 ▲



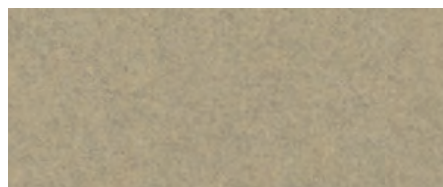
Green N 511 ▲



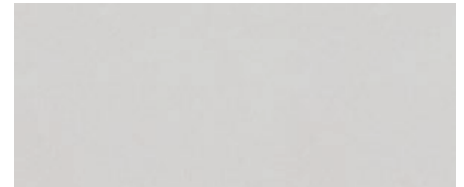
Green N 514



Yellow N 612



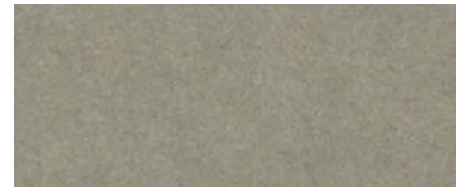
Beige N 813 ▲



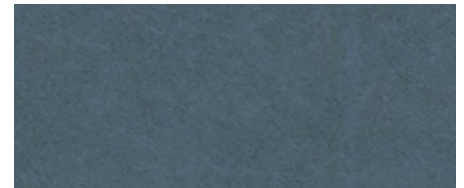
White N 112 ▲



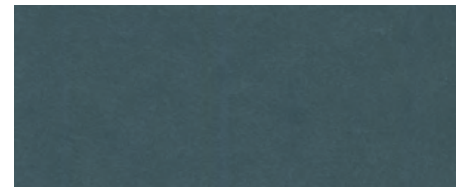
Grey N 212 ▲



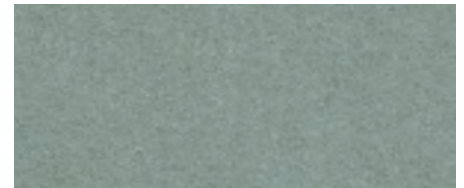
Grey N 214 ▲



Blue N 411 ▲



Green N 512 ▲



Green N 515



Orange N 711 ▲



Brown N 915



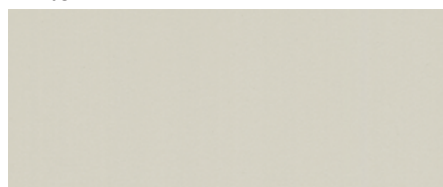
PLANEA

PLANEA

This opaque acrylic coating allows the creation of bright and intense colors.



White P 111



Grey P 216



Red P 314



Blue P 413



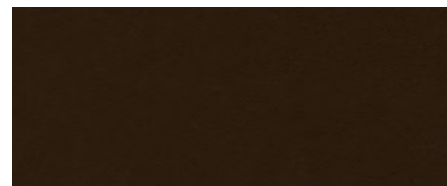
Green P 518



Yellow P 613



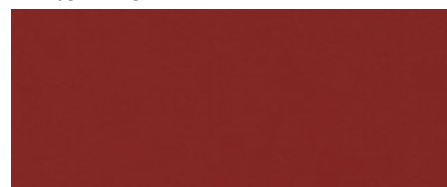
Yellow P 617



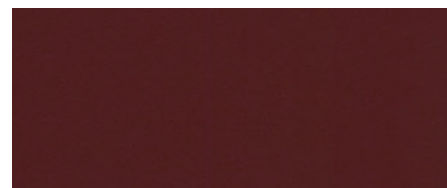
Black P 011



White P 113



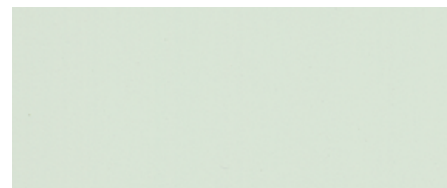
Red P 313



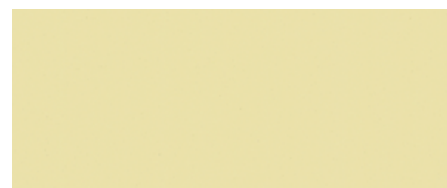
Red P 315



Blue P 414



Green P 519



Yellow P 616



Beige P 812



SANDBLASTED

SANDBLASTED

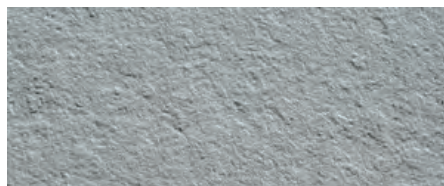
Thanks to this enhancing process, these integrally colored panels obtain a unique, textured surface.

Useable panel sizes (already trimmed):
2900×1100 mm and 2400×1100 mm.

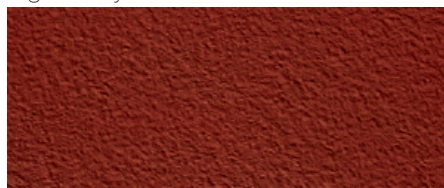
Panels are directional; aspect may vary from panel to panel.

Max. distances between fastener is reduced. Please contact technical advisor.

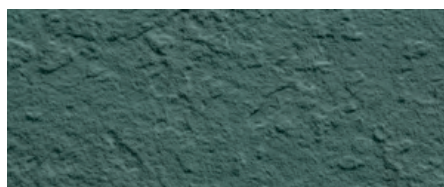
Installation: panels only attached by rivets or screws.



Light Grey 8710



Red 8730



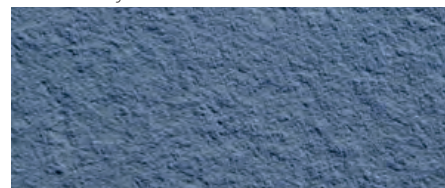
Green 8750



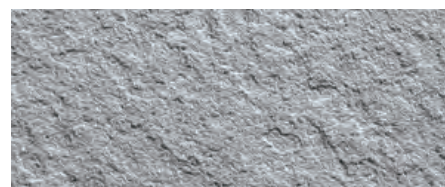
Brown 8770



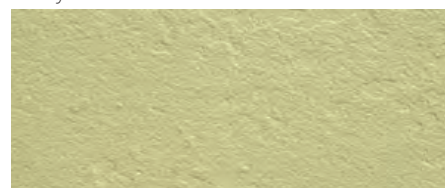
Dark Grey 8720



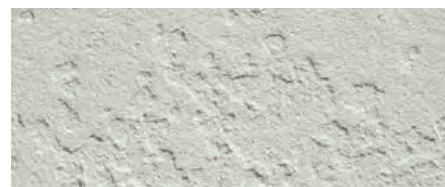
Blue 8740



Grey 8760



Yellow 8780



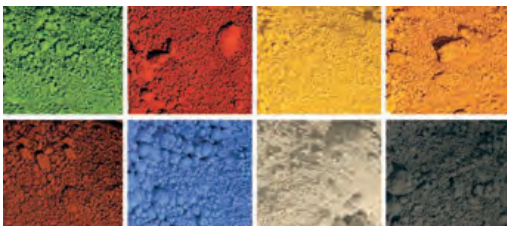
White 8790

Customized colors

You want to create your own color for the façade or the roof? No problem!

Swisspearl® has an unmatched competence and know-how regarding special colors.

Thousands of customized colors were supplied according to architects' specification.



HUNGARY Cultural Center Vertes Agorajat, Tatabanya

ARCH Planbau Kft., Tatabanya

PHOTO Szabo Bela, Ótteny

Custom-tailored building envelopes

FREE DESIGN

The need for individuality and expression in our society continues to grow. With our material, we are able to implement special and unique panels according to most of the individual customer's needs. For example three-dimensional building envelopes can be on option.

Special requests or designs?
We are happy to assist you.



AUSTRIA Shopping center Spar, Alland

ARCH Mang Architekten, Furth-Palt

DESIGN Eva Manhart & Philipp Ehfrank

PHOTO Hertha Hurnaus, Wien



CARAT
←
AVERA
←
REFLEX
←
NOBILIS
←
PLANEA
←
SANDBLASTED

CARAT R-COLOR

FAÇADE

ROOF

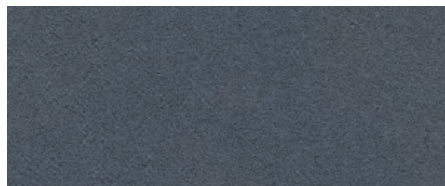
Swisspearl® Roof colors

48

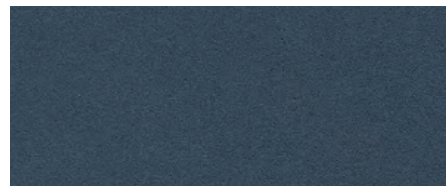
CARAT R-COLOR

CARAT R-COLOR

CARAT R-Color panels are integrally colored. The special coating with opaque pigmentation of this finish allows vibrant colors. It also provides an increased protection against weathering and UV radiation as well as a slightly textured surface.



Black Opal 7021 R



Black Opal 7022 R



Azurite 7040 R



Azurite 7041 R



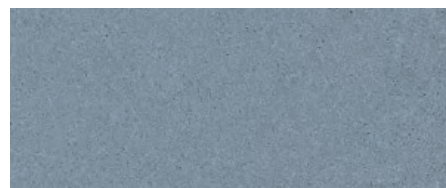
Jade 7050 R



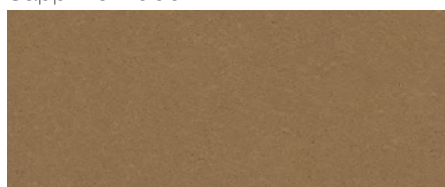
Jade 7051 R



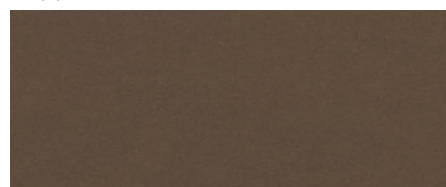
Sapphire 7060 R



Sapphire 7061 R



Topaz 7070 R



Topaz 7071 R



Coral 7030 R



Coral 7031 R



Coral 7032 R

General information

Product warranty

The products are manufactured to highest standards and under permanent quality control programs by third party testing facilities as well as by the factory's own laboratories.

In case that any delivered product should not reach its specified performance there will be a 10 year warranty covering the functional quality of panels and accessories. The warranty is granted on condition that the Design and Installation Manual has been fully complied with.

Properties of the material

The printed colors may differ from the original shade of the color. To see the exact color, and when matching up colors on adjacent parts of a building, one must use the original panel samples.

The natural ingredients used in the fiber cement panels will to some extent determine the unique character of the material. The intensity and color tone may vary slightly depending on the production batch.

More details can be found at www.swisspearl.com.







NORWAY Multipurpose Hall, Lovund

ARCH Stein Hamre Arkitektkontor AS, Mo i Rana

PHOTO Bent Raanes Sørensen, Tromsø

Authorized Distributor

