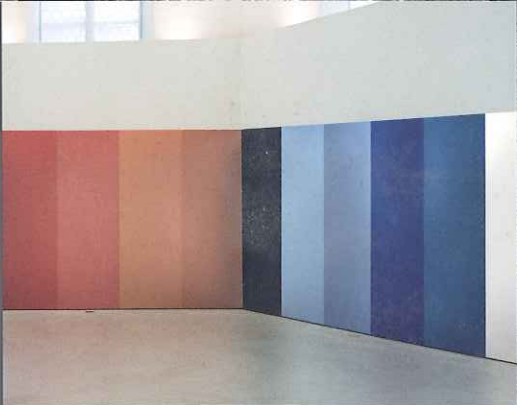


Premium Swiss quality façade systems
for high-end architecture



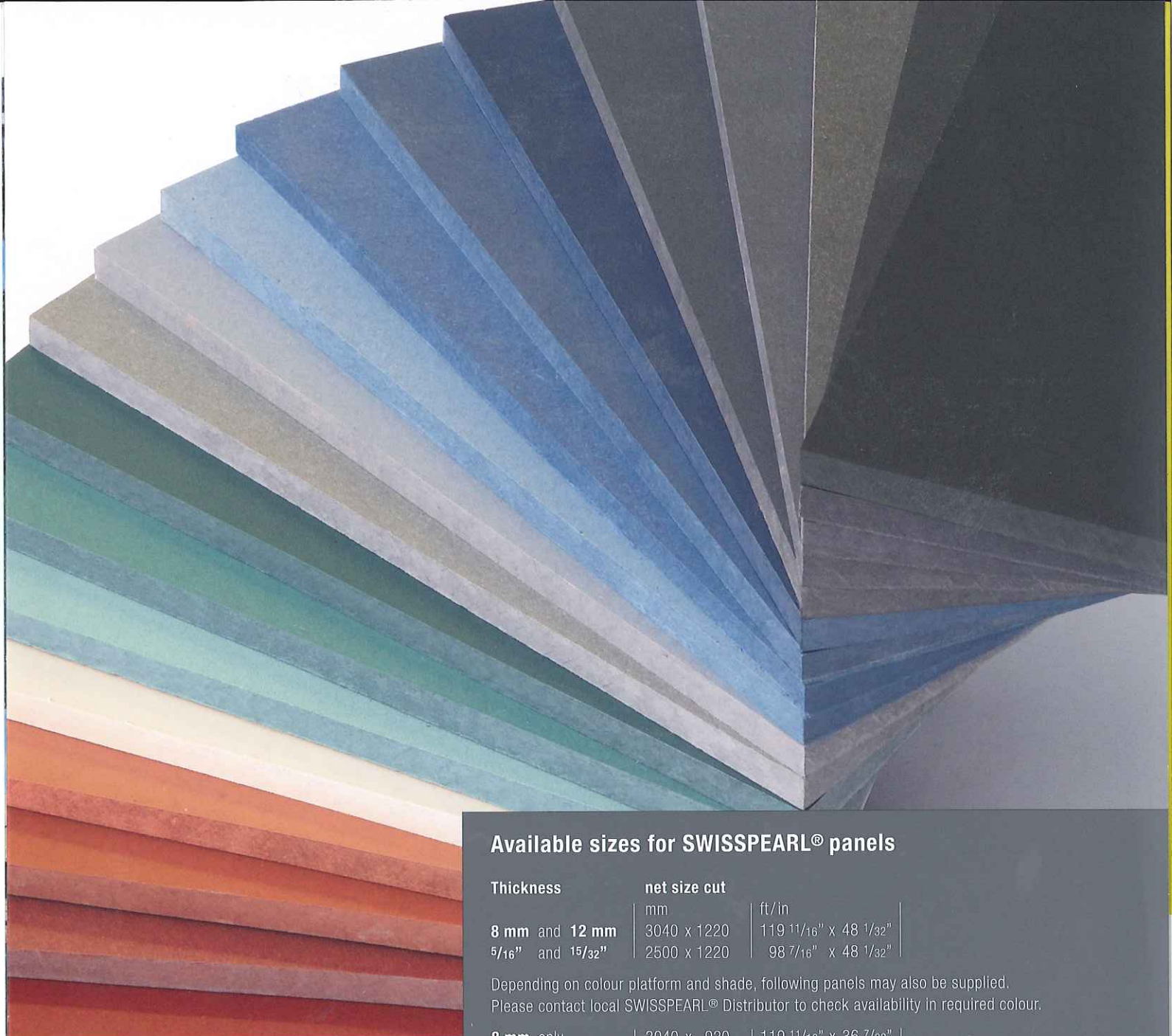
programme and colours

2008

Panels and systems for façade

SWISSPEARL®

SWISS eface® 



Available sizes for SWISSPEARL® panels

Thickness	net size cut	
	mm	ft/in
8 mm and 12 mm 5/16" and 15/32"	3040 x 1220	119 11/16" x 48 1/32"
	2500 x 1220	98 7/16" x 48 1/32"
Depending on colour platform and shade, following panels may also be supplied. Please contact local SWISSPEARL® Distributor to check availability in required colour.		
8 mm only 5/16" only	3040 x 920	119 11/16" x 36 7/32"
	2500 x 920	98 7/16" x 36 7/32"

SWISSPEARL® façade panels

SWISSPEARL® façade panels are large size cement composite sheets, available in various distinctive finishes. After trimming all four sides the sheets may then be cut to any desired sizes. SWISSPEARL® façade panels can be installed in one plane with horizontal and vertical joints or, alternatively, in strips lapped horizontally. The detailing of joints and fixations, as well as a virtually unlimited choice of panel sizes allow for endless possibilities in creating uniquely attractive façades.

SWISSPEARL® façade panels are installed following 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, extremely durable and virtually maintenance free – in all aspects an extremely advantageous and attractive solution.

For detailed planning guidelines and installation instructions refer to our technical documentation.

The Swiss Collection

Competence, Excellence and Innovation

For more than 20 years the Swiss Research & Development teams have continuously expanded their unique expertise regarding core, coloration and application of high-end cement composite façade systems. These huge technological advances are the backbone of the Swiss quality.

SWISSPEARL® panels are produced in very modern state of the art facilities in Niederurnen (Switzerland) operated with low energy and high environment consciousness. They are manufactured from high quality Portland cement, synthetic fibres, cellulose materials and stable pigments. The proprietary processes pioneered by Switzerland with special surface finish, sealed edges and back coating ensure optimal behaviour and durability of the fully compressed panels. Millions of panels installed since 1985 throughout the world prove the outstanding, reliable long term quality of the Swiss cement core and coating.

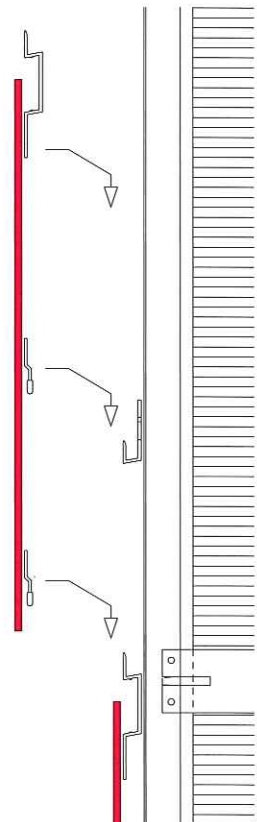
Eternit Switzerland is the only manufacturer which masters the highly demanding production processes for integrally coloured cement composite panels offered in such a wide color variety yet ensuring high production hygiene and very low environmental impact.

SWISSPEARL® façade system SIGMA 8

Large size façade panels SWISSPEARL®, installed with secret fixing, are designed for applications with the highest standards regarding sophisticated presentation. The façade system SIGMA 8 offers a wide scope for individual expression. The façade SWISSPEARL® panels are available in all the aesthetically unique colour ranges CARAT, REFLEX and XPRESSIV, up to a maximum effective panel size of 3048 x 1220 mm/10'-0" x 4'-0" to suit any job-specific requirements.

They are supplied ex factory accurately and cleanly cut to size, with predrilled backside holes, all executed under strict quality control. The system includes the special anchors and three ingeniously designed hanging elements to be installed on the job site.

This clever and rational system can be used with any standard vertical supporting metal or wooden sub-frame (carried out by others).



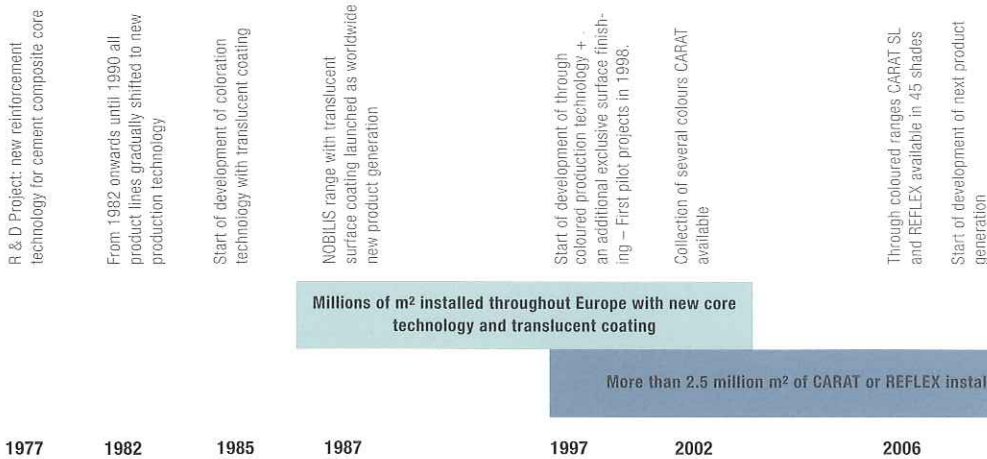
SWISSPEARL CARAT SL

Colours February 2008



The Swiss Collection: A fascinating range

When developing new products SWISSPEARL® focuses only on the architects' creative needs to enable them to plan and realize their vision of the façade while making sure that the client's expectations are also met. Therefore, the natural elegance of the authentic and sober material in various finishes offers much flexibility and tremendous design potential, all the more as the seductive colours and textures can be easily combined and also blend harmoniously with other materials.



Always at least one innovation step ahead ...

Black Opal GSO

7025

Black Opal GSO

7022

Black Opal GSO

7021

Black Opal GSO

7020

Onyx GSO

7099

Onyx GSO

7090

Onyx GSO

7091

Onyx GSO

7092

Onyx GSO

7093

Amber GSO

7082

Amber GSO

7080

Amber GSO

7081

Amber GSO

7083

SWISSPEARL® CARAT SL

Integrally coloured panel with either translucent or pigmented top layer, CARAT SL plays the lead role. The unique natural look and the timeless beauty of the monolithic material with its delicate vein texture provide an exciting and noble expression to buildings with special character.

Initially focused on the needs of North European architects expressed in SWISSPEARL® surveys, the colour range has been widened these two past years to also meet the designers' wishes in the rest of the world for more vibrant tones. Now available in a wide spectrum of complementary shades, CARAT SL is just the top of the line façade solution to create contrasts and spectacular effects or to blend harmoniously into the surrounding settings.

To highlight the ultimate product and colour range, some of the CARAT shades marketed since 1998 were re-named in 2005.

SWISSPEARL® REFLEX

Mostly integrally coloured, these high tech panels bear an iridescent surface finishing on pure acrylic base. Changing lighting and angle of vision produce fascinating nuances in the colours. These directional panels come in 13 shades; they are particularly suited for contemporary buildings of any size and scope with a very modern architecture.

SWISSPEARL® CARAT SL

SWISSPEARL® REFLEX

Topaz GSO

7072

Topaz GSO

7073

Topaz GSO

7070

Topaz GSO

7071

Coral GSO

7031

Coral GSO

7032

Coral GSO

7030

Coral GSO

7033

SWISSPEARL REFLEX

Silver GSO

9000

Platinum GSO

9020

Champagne GSO

9090

Champagne GSO

9290

SWISSPEARL® XPRESSIV

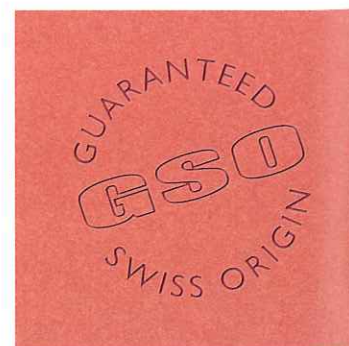
Panels with a very vivid fibre cement structure.

SPECIAL COLOURS

SWISSPEARL® has an unmatched competence and know-how regarding special colours. In the past 10 years, more than 2000 customized colours were supplied according to architects' specification.

Other SWISSPEARL® products

- Wide range of complementary colour matched fasteners and accessories.
- Panels coloured on both sides for balconies, slotted internal partitions, etc.
- The former product generations developed in the eighties (surface coated panels on a grey core) are still available for building extensions or particular needs. Ask for NOBILIS (translucent coating with the cement structure shining through) or PLANEA (clear, strong solid colors with matte surface finish).



Satin White GSO

9291

Sunset GSO

9230

Crimson GSO

9231

Autumn Leaves GSO

9270

Mystic Brown GSO

9271

Blue Ice GSO

9240

Cobalt Blue GSO

9241

Night Blue GSO

9242

Green Lagoon GSO

9250

SWISSPEARL XPRESSIV

Cement Grey GSO

5747

Dark Grey GSO

8220

The Swiss Collection: Outstanding product features

SWISSPEARL® façade and interior panels are supplied by the only manufacturer in the world with more than 20 years' experience in cement composite façade panels with new core technology and not just painted with a solid color. The legendary Swiss quality rests especially on the following features:

- Cement composite panels with top finishing and core coloured through shade in shade. Combine beauty and durability.
- Specially designed for the rear ventilated rainscreen cladding system, the most reliable from the viewpoint of building physics.
- Unmatched physical properties. THE ONLY fibre cement façade panel to receive the highest class rating 5A according to European CE conformity (EN 12467).
- High quality reinforcement fibres (< 6% of cellulose fibres).
- Low water absorption.
- Very weather resistant.
- Not affected by coastal environment and normal atmospheric pollutants.
- Sun, rain (even acid rain), humidity and frost have nearly no influence on surface aspect.
- Excellent long term colour fastness and consistency: depending on shades, Delta E-values range between 1 and 3 on the CIELAB scale after 2000 hours of exposure (Xenon Arc Light acc. Weathering Test). Ensures a natural and homogeneous ageing of the whole surface of the panel/façade.
- Temperature resistance guaranteed up to +80°C and down to -40°C (176°F to -40°F).
- Fire rating: A2-s1, d0 according to EN Standard 13501-1/ UBC Class I, NFPA Class A according to ASTM E 84-99.
- Mostly factory fabricated for consistent high cutting/drilling/sealing quality.
- Minimal maintenance thanks to the smooth surface finish of an inert material.
- Mainly made of mineral raw materials, 100% recyclable.
- Swiss Construction Authorities testify 40 years as standard life expectancy for the façade application of the panels.

GSO – Guaranteed Swiss Origin

stands for

- Long time experience in high profile facade panels
- Unique authentic material expression
- Reliable product performance, high resistance to weather conditions and UV
- Worldwide most advanced coloration technology
- Superior technical service from the design to the installation phase
- Continuous innovation
- Custom tailored solutions
- Green products/systems



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The Swiss Collection: Unpaired service range

CARAT SL and REFLEX panels are provided for high-end projects coached by the local authorized SWISSPEARL® Distributor. Our dedicated partners commit to our high standards regarding the professional support of the designers and our quality concept until the façade is installed. Together with the Swiss technical service, they are always available to answer promptly any questions relating to the SWISSPEARL® systems and details or custom tailored solutions and/or colours.

SWISSPEARL® Fascination of innovation.

Authorized Distributor:

www.swisspearl-architecture.com