

Premium Swiss quality façade systems
for high-end architecture

Panels and systems for façade

SWISSPEARL®

Swiss quality façade systems

ETERNIT SWITZERLAND is the leading European manufacturer of cement composite facade systems for quality, high-end architecture. We are worldwide leaders in coloration technology, facade «know-how» and system competence for reinforced cement panels specially designed for rain-screen cladding applications, with our very reliable ventilated facade system. The appealing conceptual possibilities of a wide range of products, aspects and colors and the reliable long lasting facade solutions are famous in Europe, where Eternit Switzerland has delivered more than 14 million m² of asbestos-free cement composite facade products since 1990.

Innovative

We are the only cement composite manufacturer in the world who regularly launches new facade systems and products, in a continuing effort to meet the architects' evolving wishes.

We maintain close contact with architects to listen to their concerns and develop top quality products to their specifications. All products are fully tested with long term weathering tests before they are brought to the marketplace. These quality products help the designer to bridge the gap from conceptualization to realization and to better satisfy his customers' needs and design desires.

Fascinating

SWISSPEARL®'s unique formulation and revolutionary coloration processes were pioneered by Eternit Switzerland. They are the foundation of the remarkable facade panel range, which offers great creative freedom in the design of the facade. One outstanding characteristic in particular are the unique surface aspects, which are ideally suited to express the character of each building.

Unique with long time proven quality

SWISSPEARL® CARAT SL is the new generation and the unparalleled paragon standard for integrally colored cement composite panels, available now in more than 30 shades. The monolithic material aspect with its delicate vein texture provides a fascinating and noble expression to buildings with special character.

SWISSPEARL® REFLEX is a usually also colored through panel core with an iridescent surface. Changing lighting and angle of vision produce fascinating nuances in the colors.

SWISSPEARL® has an unmatched competence and know-how regarding special colors. In the past 15 years, more than 2000 customized colors were supplied according to architects' specification.

SWISSPEARL® NATURA launched as world wide innovation already in 1987 bears a translucent coating. The smooth and semi-matt surface finish and the visible natural texture of the cement composite impart an unrivalled expressiveness to the material.

SWISSPEARL® XPRESSIV is a cement Grey panel with a very vivid cement composite structure.

SWISSPEARL® TECTURA has an opaque coating. Clear, strong colors and the fine-grained structure of the surface finish are the characteristics of the uniform aspect of this color range.

For each of these surface aspects, the high quality coating on a pure acrylic base assures high resistance to weather conditions and ultraviolet rays.

100% environmentally friendly

The large-size cement composite panels are mainly made of mineral raw materials (Portland cement and lime stone), water and air. Since more than 20 years high quality non-toxic fibers have been used to reinforce the cement core. The manufacturing process based on a closed water cycle and a slow natural 28 days curing requires little energy. The Swiss high tech coloration and finishing technologies are water born whilst ensuring an optimal behavior and long lasting quality of the panel along with excellent color stability.

Therefore, neither the raw materials nor the production process nor the finished products contain any dangerous substances. The authorized Distributors have a computer program which reckons the lowest panel requirements according to the architect's project specific panel sizes.

Once they were – easily – installed, the SWISSPEARL® systems optimized for the ventilated, insulated rain-screen application provide the key to energy conserving solutions both for winter and summer; they are practically maintenance free during their whole lifespan of at least 40 years. And finally, the ultimate dismantling of the panel system is as straight forward as its initial installation. The process to fully recycle the products in cement plants has been successfully tested in Switzerland. The grey energy used per m² façade of the complete product cycle is only 125 MJ.

Reliable excellence and service

The long time proven superior quality of the SWISSPEARL® ventilated facade systems is backed by a unique global quality approach, where the quality standards of each sub process are defined and controlled from the selection of raw material and system components until the facade is installed.

The quality and range of products is matched by our superior specialized technical service in Niederurnen, Switzerland. We are always available to answer any queries related to the SWISSPEARL® systems. Our authorized distributors and trained partners throughout the world have the professional «know-how» to support architects and contractors in designing and installing high class, unique facades.

Eternit Switzerland – not just a manufacturer – a performing partner dedicated to transposing the architects' visions into attractive SWISSPEARL® facades for decades to come.



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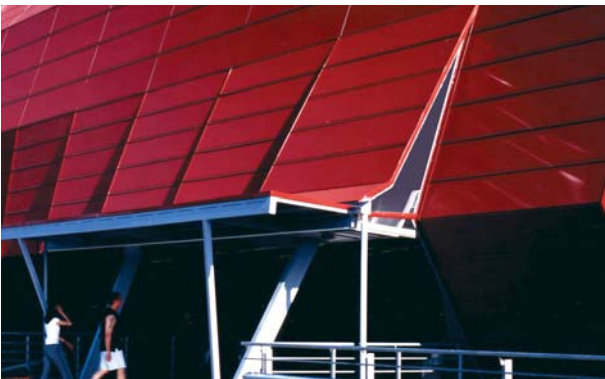
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**Cement composite panels
of all shown reference buildings only
manufactured in Switzerland.**

Eternit (Schweiz) AG has no connection whatsoever
with other similar named companies.

Advantages of SWISSPEARL® facade systems

- Superior Swiss quality fiber reinforced cement panel's proved by millions of square meters installed throughout the world in non asbestos technology since 1990.
- Most advanced facade «know-how» and system competence for fiber reinforced cement panels, continuous innovation regarding aspects, colors, systems,etc.
- Specially designed systems for rainscreen cladding application with rear ventilation which is the most reliable system from the viewpoint of building physics.
- Rear ventilation system eliminates nearly all condensation and optimizes the efficiency of insulation.
- Great creative freedom in the design of the building facade.
- High resistance to severe weather conditions and frost, which ensures a life expectancy of at least 40 years.
- Durable, weather-proof outer skin suitable for new buildings and refurbishments of every type and size.
- Global quality concept from the suppliers of raw materials till the facade erector.
- 10 year guarantee.
- Unique coloration treatment of the base sheet, fully sealed on 6 sides.
- 5 appealing surface aspects; more than 60 standard colors, wide possibilities of customized shades.
- Matte finish.
- No efflorescence.
- Non-flammable.
- Environmentally friendly.
- Can be installed all year round.
- No need for sealed joints.
- Panels available in several formats, partly ready to install.
- Specially designed, fully tested fixing systems for aluminum, steel and wooden sub frames.
- Many well developed detail solutions.
- Nearly maintenance free.
- Excellent color fastness.
- High living quality due to the comfortable interior climate in both winter and summer thanks to the insulation and rear ventilation.

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SWISSPEARL® Fascination of innovation.