

Swisspearl Largo

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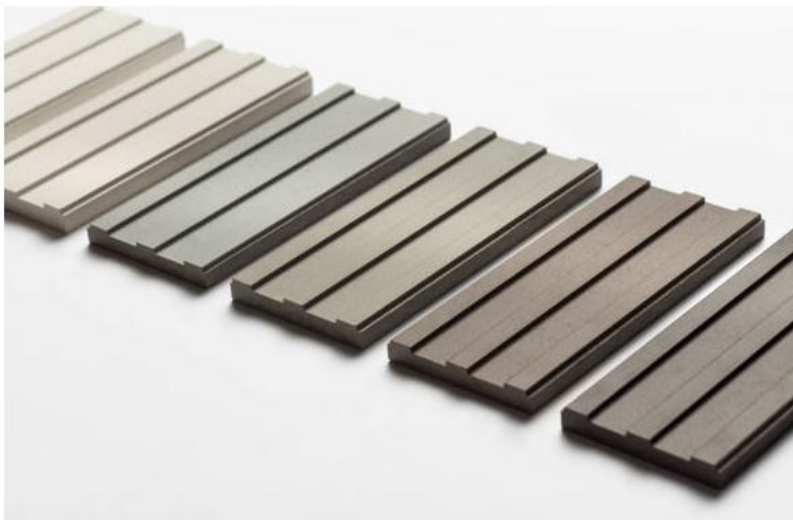
Façade Boards

AC 90 / ASTM 1185 / EN 12467

Gravial

Gravial is a naturally dried fibre cement board with a linearly milled surface structure and a glazed coating. Gravial's linear milling creates an impressive play of light and shadow, depending on the time of day and the viewing angle. With the exception of one brown tone, the colour line ranges in soft grey tones from white to black.

The transition from light to dark in just a few steps is particularly effective due to the subtle shadows created on each panel. Gravial gives shape to dynamic, lively building envelopes.



GRAVIAL

 translucent pigmented

 linear milled

 coloured through*
or grey based

Granite 624
Anthracite 3020*
Crystal 125
Ivory 3099*
Ivory 3090*
Amber 723



Swisspearl Largo

	Units	9/12
Dimension (nominal)		
Thickness	mm	9/12
Width	in	49,21
Length	in	98.74- 120.08
Dimension tolerance (Internal requirement)		
Thickness (up to 0.79 in)	in	+/- 1.0
Width (39.4 in < Width < 63.0 in)	in	+/- 3.0
Length (63.0 in < Length)	in	+/- 5.0
Physical properties		
Density, dry minimum (ASTM 1186)	lb/ft ³	≥ 96.7
Density, dry average (ASTM 1186)	lb/ft ³	112.4
Weight (average shipping weight)	lb/ft ²	4.30
Moisture content	%	2 - 7
Mechanical properties MOE (EN 12467 / ASTM 1186)		
Bending modulus of elasticity		
E-module Average ambient	GPa	12.0
Flexural strength (ASTM 1186)		
Wet average (EN 12467)	psi	3669
Minimum (EN 12467)	psi	2610
Color variation measured on the production line		
CIELAB colour model	ΔE	< 2.0
Color Resistance to UV (Xenon Arc light for accelerated weathering) ASTM G155		
3000 hours	ΔE	< 5.0
5000 hours	ΔE	< 5.0
Environmental footprint (EN 15804 ISO 14040/ ISO 14044)		
GWP-total (A1-C4)	kgCO ₂ -eq	16,7
GWP-biogenic (A1-C4)	kgCO ₂ -eq	0,74
GWP-fossil (A1-C4)	kgCO ₂ -eq	16,5

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	Units	9/12
Thermal properties		
Coefficient of thermal expansion λ_{10}	mm/m °C	0.01
Temperature (air) in use	°C max	-40 - +80
Frost resistance (max. cycles RL > 0,75 EN 12467)		100
Thermal conductivity (ISO 8301, EN 12667)	W/mK	0.5
Hygrothermal properties		
Water absorption (24 hrs 105 °C, 24 hrs in water)	%	14.6
Moisture movement (30/90 % RH, ASTM 1186)	in/ft	0.009
Water vapour transmission properties (ISO 12572)		
Vapour performance	kg/m ² s Pa	0.19
Vapour transmission resistance (Z-value)	GPa m ² s/kg	5.21
Vapour transmission resistance	s/m	38185
Vapour resistivity	Sd (m)	1.01
Vapour resistance factor, μ	MN s/(gm)	651
Fire Performance		
Reaction to fire (EN 13501-1)		A2-s1. d0
Fire performance (NFPA 285)		Passed
Behavior of materials at 750 °C (ASTM E136)		Passed
Fire performance (ASTM E84)		Class A (Does not ignite)
Other properties		
Category, class ASTM 1186		Type A, class IV

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Visual Appearance



Certifications

In compliance with European Regulation No. 305/2011 (Construction Products Regulation – CPR), the manufacturer provides a Declaration of Performance (DoP) for the product, confirming that it bears the CE marking. This marking indicates that the product meets the essential requirements set out in the relevant harmonised European standard. The Declaration of Performance issued under the CPR is available at www.swisspearl.com



The manufacturing facility holds the latest versions of the following ISO certificates.

- ISO 9001 Quality Management System

Disclaimer

This Product Data Sheet reflects typical values based on current production. While we aim to maintain consistent quality, minor variations may occur. Please note that all values have an AQL level and a tolerance in relation to EN 12467. Key performance indicators (KPIs) are monitored and reviewed annually to ensure product reliability and continuous improvement. The information is provided as a general guide and may be updated without notice. We recommend validating the product for your specific application before use.

The material is made from natural raw materials, and each fibre-cement product has its own unique appearance and texture. Inclusions, impurities and irregularities may occur, such as uneven surfaces or textures, which are part of the product's natural look and feel. Natural imperfections may be visible, but the overall product appearance will remain homogeneous. The appearance does not affect the strength and durability of fibre-cement products. Over time, the appearance of fibre-cement products may change as a result of exposure to environmental factors.

The values given are typical values

*: If any recipe or production process changes, the verification period is accordingly revised.

NA: Not applicable

NR: Not relevant