

Swisspearl Plank & Plank Connect

Version: 6/26

Façade Boards

EN12467

Swisspearl Plank Connect has a natural appearance and is therefore an obvious choice for a modern facade solution. The tongue and groove on each plank allow easy, fast, and concealed installation of the planks, and guarantee a strong and durable connection. The straight contemporary profile and weather resistant coating all around are in a class of their own.

Swisspearl Plank Original offers the natural look and feel of wood—without the high maintenance. Designed as a long-lasting alternative to traditional wooden facades, it installs just like any timber cladding but comes with the superior benefits of fibre cement.



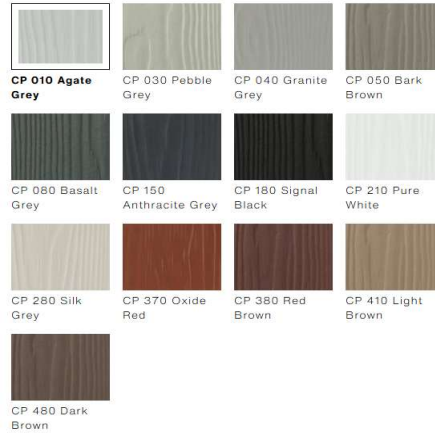
Swisspearl Plank Connect

Available colors



Swisspearl Plank

Available colors



Swisspearl Plank & Plank Connect

	Units	Plank Original	Plank Connect
Dimension (nominal)			
Thickness	mm	8.0	11.0
Width	mm	180	210
Length	mm	3600	3000
Dimension tolerance (EN 12467, Level 1)			
Thickness (non textured) 6 mm < e < 20 mm	mm	± 0.8	± 1.1
Thickness (textured) 6 mm < e < 20 mm	mm	-0,8 / +1.2	-1.1 / +1.65
Width (a < 1000 mm)	mm	± 0.3	± 0.3
Width (1000 mm < a < 1600 mm)	mm	± 0.3% a	± 0.3% a
Length (1600 mm < a)	mm	± 0.5	± 0.5
a is the nominal width or length			
Physical properties			
Density, dry minimum (EN 12467)	Kg/m ³	1200	1200
Density, dry average (EN 12467)	Kg/m ³	1340	1340
Weight (incl. 10% moisture)*	Kg/m ²	11.8	15.8
* nominal value may vary depending on conditions			
Mechanical Properties (EN 12467)			
Flexural modulus			
E-module along grain, ambient	GPa	7.0	7.0
E-module across grain, ambient	GPa	7.0	7.0
E-module along grain, wet	GPa	5.0	5.0
E-module across grain, wet	GPa	6.0	6.0
Bending Strength (EN 12467)			
Minimum Class A1 (EN 12467)	MPa	4.0	0
Along grain, ambient	MPa	11.8	12.6
Across grain, ambient	MPa	21.7	19.9
Along grain, wet	MPa	7.3	9.6
Acrosse grain, wet	MPa	14.0	14.5
Thermal properties			
Frost resistance (average along/ across)	RL	≥ 0.75	≥ 0.75
Frost resistance (100 cycles EN 12467)	RL	RL > 0,75	RL > 0,75

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Hygrothermal properties					
Moisture content (ex works)	%	2 - 7	2 - 7		
Moisture movement (30/90 % RH, EN 12467)	%	0.056	0.06		
Water impermeability (EN 12467)	Visual	No Drop	No Drop		
Fire Performance					
Reaction to fire, class (EN 13501-1)		A2-s1. d0	A2-s1. d0		
Color Resistance to UV (Xenon Arc light for accelerated weathering) ASTM G155					
3000 hours	ΔE ASTM G155	< 5.0	< 5.0		
5000 hours	ΔE ASTM G156	< 5.0	< 5.0		
Other properties					
Category, class (EN 12467)		NT A2 I	NT A2 I		
Environmental footprint (EN 15804 ISO 14040/ ISO 14044)					
GWP-total (A1-A3)	kgCO ₂ -eq	9.8	11.1		
GWP-total (A1-C4)	kgCO ₂ -eq	6.2	6.8		
Impact resistance test (ETAG 034, ISO 7892), 8 mm					
	Max.	Category IV	Category III	Category II	Category I
Hard body	1 Joule	Passed			
	3 Joule		Passed	Passed	Passed
	10 Joule			Passed	Passed
Soft body	10 Joule	Passed	Passed		
	60 Joule			Not Passed	Not Passed
	300 Joule			Not Passed	
	400 Joule				
Evaluation		Passed	Passed	Not Passed	Not Passed

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Visual Appearance



Plank Original



Plank Connect

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 remains homogeneous. The product appearance does not affect the strength or 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