

Declaration of Performance

No. 033/DoP

In accordance with Regulation (EU) No 305/2011 of the European Parliament and of the Council laying down harmonised conditions for the marketing of construction products (CPR EU 305/2011)

1. Unique identification code of the product-type:

Fibre-cement profiled sheets and fittings

Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Swisspearl W130-8 RC, Swisspearl W130-9 RC
Profile 130 mm/30 mm, Thickness 6,5 mm, B59
(Cembrit W130-8 RC, Cembrit W130-9 RC)

Fibre-cement fittings – NT, thickness 6 mm or 4 mm

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Roofing
Internal wall finishes
External wall and ceiling finishes

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Swisspearl Group AG
Eternitstrasse 3
CH-8865 Niederurnen
Switzerland
Email: info@swisspearl.com

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

AVCP System 3 / System 4

- 6a. Name and identification number of the notified body (in case of the declaration of performance concerning a construction product covered by a harmonised standard):

Product manufactured according AVCP system 3

The Research and Development Centre for Building Insulation Industry
Notified body No. 1486
Korfantego 193, 40-157 Katowice
Poland

Notified body performed Initial Type Test under system 3 according to EN 494.
Test reports no. 47/09/137/WC-1 and 48/09/138/WC-1

Building Research Institute - Fire Testing Laboratory
Notified body No. 1486
Filtrowa 1, 02-656 Warszawa
Poland

Notified Body performed reaction to fire testing and classification according EN 13501-1.
Test report no. 2309/13/Z00NP EN.

Products manufactured according AVCP system 4

Manufacturer performed the Initial Type Test according to EN 494.
R&D Test report no. 24-10/ITT/20200915, dated September 15th, 2020.

MPA Bau Hannover
Notified body No. 0764
Nienburger Straße 3
D-30167 Hannover, Germany

Notified Body performed reaction to fire testing and classification according EN 13501-1.
Test report no. 211529, dated June 7th, 2021.

- 6b. Name and identification number of the Technical Assessment Body (in case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued):

Not applicable

7. Declared performance:

Fibre-cement fittings – NT, thickness 6 mm or 4 mm			
Essential characteristics	Performance		Harmonised technical specification
Type of sheets	NT		EN 494:2012+A1:2015 Fibre-cement profiled sheets and fittings Product specification and test methods
Apparent density	min 1 300 kg/m ³		
Reaction to fire	Unpainted fittings	A1	
	Painted fittings	A2-s1, d0	
Dimensional variations			
Length	± 10 mm		
Width	± 10 mm		
Thickness	± 1 mm		
Release of dangerous substance	No performance determined		
Durability against freeze-thaw	Pass		

Fibre-cement profiled sheets – NT, profile 130 mm / 30 mm, thickness 6,0 mm			
Essential characteristics	Performance		Harmonised technical specification
Type of sheets	NT		EN 494:2012+A1:2015 Fibre-cement profiled sheets and fittings Product specification and test methods
Mechanical resistance Bending moment	Long sheets Length > 0,9 m	B2Y	
	Breaking load Bending moment	Min. 2000 N/m Min. 40 Nm/m	
Impact resistance	Pass		
External fire performance	B _{ROOF} (deemed to satisfy)		
Reaction to fire	Unpainted sheets	A1	
	Painted sheets	A2-s1, d0	
Water impermeability	No water drops		
Dimensional variations			
Length	± 10 mm		
Width	± 10 mm / - 5 mm		
Thickness	6,0 mm ± 0,6 mm		
Height of the corrugations	30 mm ± 2 mm		
Pitch	130 ± 2 mm		
Squareness	max 6 mm/m		
Release of dangerous substance	No performance determined		
Durability against warm water	R _L ≥ 0,7		
Durability against soak/dry	R _L ≥ 0,7		
Durability against freeze-thaw	R _L ≥ 0,7		
Durability against heat-rain	Pass		

Fibre-cement profiled sheets – NT, profile 130 mm / 30 mm, thickness 6,5 mm			
Essential characteristics	Performance		Harmonised technical specification
Type of sheets	NT		EN 494:2012+A1:2015 Fibre-cement profiled sheets and fittings Product specification and test methods
Mechanical resistance Bending moment	Long sheets Length > 0,9 m	BIX Min. 2500 N/m Min. 55 Nm/m	
Apparent density	min 1 400 kg/m ³		
Impact resistance	Pass		
External fire performance	B _{ROOF} (deemed to satisfy)		
Reaction to fire	Unpainted sheets	A1	
	Painted sheets	A2-s1, d0	
Water impermeability	No water drops		
Dimensional variations			
Length	± 10 mm		
Width	± 10 mm / - 5 mm		
Thickness	6,5 mm ± 0,6 mm		
Height of the corrugations	30 mm ± 2 mm		
Pitch	130 ± 2 mm		
Squareness	max 6 mm/m		
Release of dangerous substance	No performance determined		
Durability against warm water	R _L ≥ 0,7		
Durability against soak/dry	R _L ≥ 0,7		
Durability against freeze-thaw	R _L ≥ 0,7		
Durability against heat-rain	Pass		

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

EN 494:2012+A1:2015
Fibre-cement profiled sheets and fittings
Product specification and test methods

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Esben Moos, Group Technical Manager
Aalborg, March 23rd, 2023

