

# Declaration of Performance

## No. 027/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 W177-5,5 RC, Swisspearl W177-6 RC, Swisspearl W177-6,5 RC, Swisspearl W177-7 RC**  
**Profile 177 mm/51 mm, Thickness 6,5 mm**  
**(Cembrit W177-5,5 RC, Cembrit W177-6 RC, Cembrit W177-6,5 RC, Cembrit W177-7 RC, B55 RC, B65 RC, A6, A6,5, B9 RC, CEMFORT B55, CEMFORT B65, RC - P5, RC - P6, B60 RC, B9-S, B9-S MAX, B70-RC, Vartti Ranch Max, EuroFala B70-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](mailto: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 report no. 49/09/139/WC-1, 77/06/1/192/WC-2, 47/09/137/WC-1, 48/09/138/WC-1.

**Instytut Techniki Budowlanej – Zakład Badań Ogniwych**  
**Notified body No. 1488**  
**Ksawerów 21, 02-656 Warszawa**  
**Poland**

Notified Body performed reaction to fire testing and classification according EN 13501-1.  
Classification report no. 0771.1-10- Z00NP (English version of Classification report no NP-3639.1/09/KP), Classification report no 2721.3/03/10/Z00NP/U (EN version of Classification report no. 2721.1/03/10/Z00NP/U) for painted sheets (A2-s1, d0) and report no. 163/06.

**Products manufactured according AVCP system 4**

Manufacturer performed the Initial Type Test according to EN 494.  
R&D Test report no. 24-11/ITT/20200915, dated September 15<sup>th</sup>, 2020.  
R&D test report no. 25-15-4-2, dated July 19<sup>th</sup>, 2023.

**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 7<sup>th</sup>, 2021.

**Instytut Techniki Budowlanej – Zakład Badań Ogniwych**  
**Notified body No. 1488**  
**Ksawerów 21, 02-656 Warszawa**  
**Poland**

Notified Body performed reaction to fire testing and classification according EN 13501-1.  
Test report no. 01986.1/23/Z00NZP  
Test report no. 01986.3/23/Z00NZP

- 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 profiled sheets – NT, profile 177 mm / 51 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	Short sheets: Length < 0,9 m	C	
	Bending moment	Min. 30 Nm/m	
	Long sheets: Length > 0,9 m	CIX	
	Breaking load Bending moment	Min. 4250 N/m Min. 55 Nm/m	
Apparent density	min 1 400 kg/m <sup>3</sup>		
Impact resistance	Pass		
External fire performance	B <sub>ROOF</sub> (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	51 mm ± 3 mm		
Pitch	177 ± 2 mm		
Squareness	max 6 mm/m		
Release of dangerous substance	No performance determined		
Durability against warm water	R <sub>L</sub> ≥ 0,7		
Durability against soak/dry	R <sub>L</sub> ≥ 0,7		
Durability against freeze-thaw	R <sub>L</sub> ≥ 0,7		
Durability against heat-rain	Pass		

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 <sup>3</sup>		
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		

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, September 5<sup>th</sup>, 2023

A handwritten signature in blue ink, reading "Esben Moos", is written over a horizontal dotted line.