

# Declaration of Performance

## No. 021/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 W146-8**  
**Profile 146,5 mm/48 mm, Thickness 6 mm**  
**(Cembrit W146-8, B6, Vartti Regal)**

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**

- 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):

**Technical and Testing Institute of Construction Prague, s. p.**  
**Notified body No. 1020**  
**Branch 0700– Ostrava, U Studia 14**  
**700 30, Ostrava-Zábřeh, Czech Republic**

Notified body performed Initial Type Test under system 3 according to EN 494.  
 Issued protocol on the initial type test no. 1020-CPD-070030730 as of 8th February 2007 and report no.1020-CPD-070030730 as of 8th February 2007.

**PAVUS, a.s.**  
**Notified body No. 1391**  
**Prosecká 412/74, 190 00 PRAHA 9**  
**– Prosek, Czech Republic**

Notified Body performed reaction to fire testing and classification according EN 13501-1.  
 Classification report no. PK1-01-07-009-E-1 (colored variants), dated December 8th, 2016.

- 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:

<b>Fibre-cement profiled sheets – NT, profile 146 mm / 48 mm, thickness 6 mm</b>		
<b>Essential characteristics</b>	<b>Performance</b>	<b>Harmonised technical specification</b>
Type of sheets	NT	EN 494:2012+A1:2015 Fibre-cement profiled sheets and fittings Product specification and test methods
Mechanical resistance	CIX	
Breaking load	Min. 4250 N/m	
Bending moment	Min. 55 Nm/m	
Apparent density	min 1 600 kg/m <sup>3</sup>	
Impact resistance	No performance determined	
External fire performance	B <sub>ROOF</sub> (deemed to satisfy)	
Reaction to fire	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	48 mm ± 3 mm	
Pitch	146,5 ± 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	

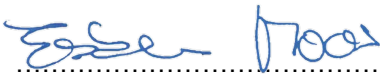
8. Appropriate Technical Documentation and/or Specific Technical Documentation:

**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 23<sup>rd</sup>, 2023



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