

# 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.

**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.

- 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 146 mm / 48 mm, thickness 6 mm |                                       |                                                                                                            |
|---------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------|
| Essential characteristics                                                 | Performance                           | Harmonised technical specification                                                                         |
| Type of sheets                                                            | NT                                    | EN 494:2012+A1:2015<br>Fibre-cement profiled sheets and fittings<br>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                                  |                                                                                                            |

| 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<br>Fibre-cement profiled sheets and fittings<br>Product specification and test methods |
| Apparent density                                   | min 1 300 kg/m³           |           |                                                                                                            |
| 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:



**Todd Alexander Kirk Edlin**  
Head of Group Product Compliance  
Swisspearl Group AG  
Niederurnen, 10.10.2025



**Joachim Ebenhoch**  
Global Head of Innovation  
Swisspearl Group AG  
Niederurnen, 10.10.2025