

# Declaration of Performance

## No. 053/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**

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

**Swisspearl Structa**  
**Thickness 7,5 mm**  
**(Swisspearl R350-4 Toscana, Swisspearl Toscana)**

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-8867 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**

**ZAG**

**Notified body No. 1404**

**Dimiceva ulica 12, 1000 Ljubljana**

**Slovenia**

Notified Body performed reaction to fire testing and classification according EN 13501-1.

**Products manufactured according AVCP system 4**

Manufacturer performed the Initial Type Test according to EN 12467.

- 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:

| 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          | C                                     |                                                                                                            |
| Bending moment                 | min 30 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               | Class A2-s1, d0                       |                                                                                                            |
| Water impermeability           | No water drops                        |                                                                                                            |
| Dimensional variations         |                                       |                                                                                                            |
| Length                         | + 3 / - 5 mm                          |                                                                                                            |
| Width                          | ± 5 mm                                |                                                                                                            |
| Thickness                      | + 0,5 / - 0,3 mm                      |                                                                                                            |
| Height of the corrugations     | 46 ± 3 mm                             |                                                                                                            |
| Pitch                          | 350 ± 1 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/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:



**Todd Alexander Kirk Edlin**

Technical Manager, Product Compliance  
Swisspearl Group AG  
Niederurnen, 10.10.2025



**Joachim Ebenhoch**

Global Head of Innovation  
Swisspearl Group AG  
Niederurnen, 10.10.2025