

# **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 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).

**Cembrit W177-5,5 RC, Cembrit W177-6 RC, Cembrit W177-6,5 RC, Cembrit W177-7 RC**

**Fibre-cement profiled sheets - NT, profile 177 mm/51 mm, thickness 6,5 mm, impact resistance (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) :

**Cembrit Holding A/S  
Gasværksvej 24  
DK-9000 Aalborg, Denmark  
Email: [info@cembrit.com](mailto:info@cembrit.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 system of assessment and verification of constancy of performance of the construction product as out in Annex V:

**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):

**For sheets tested according to system 3:**

**Centralny Ośrodek Badawczo-Rozwojowy Przemysłu Izolacji Budowlanej  
Korfantego 193, 40-157 Katowice, Poland  
Notyfikowana jednostka Nr. 1486**

Performed the Initial Type Test under system 3 According to EN 494. Test reports 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 Ognioowych  
Ksawerów 21, 02-656 Warszawa, Poland  
Notyfikowana jednostka Nr. 1488**

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.

**For sheets tested according to system 4:**

**Initial Type Test performed by manufacturer**

Performed the Initial Type Test under system 4 according to EN 494. Test report No. 24-10/ITT/20200915

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

Performed reaction to fire testing and classification according EN 13501-1. Test report No. 211529, dated June 7<sup>th</sup>, 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:

<b>Fibre-cement fittings - NT, thickness 6 mm or 4 mm</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Harmonised technical specification</b>	
Type of fittings	NT	EN 494:2012+A1:2015 Fibre-cement profiled sheets and fittings – Product specification and test methods	
Apparent density	min. 1300 kg/m <sup>3</sup>		
Reaction to fire	unpainted fittings		A1
	painted fittings		A2-s1, d0
Dimensional variations	Pass		
length	± 10 mm		
width	± 10 mm		
thickness	± 1 mm		
Release of dangerous substance	No Performance Determined		
Durability against freeze - thaw	Pass		

Cembrit 177-6 RC & Cembrit 177-7 RC, NT - Profile 177 mm/51 mm, thickness 6,5 mm, impact resistance			
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. 1400 kg/m <sup>3</sup>		
Mechanical resistance	Short sheets: Length < 0,9 m		C
	Bending moment		Min. 30 Nm/m
	Long sheets: Length > 0,9 m		C1X
	Breaking load Bending moment		Min. 4250 N/m Min. 55 Nm/m
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 permeability	Pass		
Dimensional variations	Pass		
Length	± 10 mm		
Width	+ 10 mm / -5 mm		
Thickness	6,5 mm ± 0,6 mm		
Height of corrugations	51 mm ± 3 mm		
Pitch	177 mm ± 2 mm		
Out of squareness	≤ 6 mm		
Release of dangerous substance	No Performance Determined		
Durability against warm water	Pass - R <sub>L</sub> ≥ 0,7		
Durability against soak - dry	Pass - R <sub>L</sub> ≥ 0,7		
Durability against freeze - thaw	Pass - 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, September 2<sup>nd</sup>, 2021

  
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