CEMBRIT

Declaration of Performance
No. 033/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):

Cembrit W130-8 RC, Cembrit W130-9 RC

Fibre-cement profiled sheets - NT, profile 130 mm/30 mm, thickness 6,0 mm and 6,5 mm, impact resistance (EuroFala B58 S, B58 S, EuroFala B59 S, B59 S)

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

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:

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 PRODUCTS MANUFACTURED ACCORDING TO SYSTEM 3

The Research and Development Centre for Building Insulation Industry
Korfantego 193, 40-157 Katowice, Poland
Notified body No. 1486

Performed Initial Type Test under system 3 according to EN 494. Test reports No. 47/09/137/WC-1, 48/09/138/WC-1

Building Research Institute - Fire Testing Laboratory
Filtrowa 1, 02-656 Warszawa, Poland
Notified body No. 1488

Performed reaction to fire testing and classification according EN 13501-1. Test report No. 2309/13/Z00NP EN

FOR PRODUCTS MANUFACTURED ACCORDING TO SYSTEM 4

Initial Type Test performed by manufacturer

Performed the Initial Type Test under system 4 according to EN 494. Test reports: 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 7th, 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:

Fibre-cement fittings - NT, thickness 6 mm or 4 mm			
Essential characteristics	**Performance**		**Harmonised technical specification**
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^3		
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	-		
Durability against freeze - thaw	Pass		

Fibre-cement profiled sheets - NT, profile 130 mm/30 mm, thickness 6,0 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^3		
Mechanical resistance	long sheets – length > 0,9 m	B2Y	
	breaking load	min. 2000 N/m	
	bending moment	min. 40 Nm/m	
Impact resistance	Pass		
External fire performance	B_{ROOF} (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	6,0 mm ± 0,6 mm		
height of corrugations	30 mm ± 2 mm		
pitch	130 mm ± 2 mm		
out of squareness	≤ 6 mm		
Release of dangerous substance	-		
Durability against warm water	Pass - $R_L \geq 0,7$		
Durability against soak - dry	Pass - $R_L \geq 0,7$		
Durability against freeze - thaw	Pass - $R_L \geq 0,7$		
Durability against heat - rain	Pass		

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Fibre-cement profiled sheets - NT, profile 130 mm/30 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^3		
Mechanical resistance	long sheets – length > 0,9 m	B1X	
	breaking load	min. 2500 N/m	
	bending moment	min. 55 Nm/m	
Impact resistance	Pass		
External fire performance	B_{ROOF} (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	30 mm ± 2 mm		
pitch	130 mm ± 2 mm		
out of squareness	≤ 6 mm		
Release of dangerous substance	-		
Durability against warm water	Pass - $R_L \geq 0,7$		
Durability against soak - dry	Pass - $R_L \geq 0,7$		
Durability against freeze - thaw	Pass - $R_L \geq 0,7$		
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 2nd, 2021

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