

DECLARATION OF PERFORMANCE N° 2

1) Unique identification code of product-type

Plakfort 5

2) Intended use of the construction product

**Profiled fibre-cement sheets for roofing (roof covering) in accordance
with the provisions of the appendix ZA of the norm
EN 494**

3) Name and contact address of the manufacturer

EDILFIBRO S.p.A. Strada Statale, 10 Km 164.700 Arena Po (PV)

5) System of assesment and verification of constancy of performance

System 3

6a) EN 494:2012 + A1:2015

The notify entity n. 0407 Istituto Giordano Via Rossini, 2 - 47814 Bellaria (RN) made the
Initial Type Test and released the relative examination reports

7) Declared performance

Essential characteristics	Performance
Lenght	1250 - 1525 - 1585 - 1750 - 2000 - 2500 - 3050 [mm]
Lenght tolerances	± 10,0 [mm]
Width	918 - 5,0 + 10 [mm]
Height of profile	51 ± 3,0 [mm]
Pitch	177 ± 2 [mm]
Thickness	6,5 ± 0,6 [mm]
Height of rising edge	from 42 to 49 [mm]
Height of descending edge	from 8 to 15 [mm]
Out of squareness	≤ 6,0 [mm]
Borders rectilinearity	≤ 3 [mm]
Class	C1X
Breaking load	compliant
Bending moment	compliant
Impact resistance	compliant
Reaction to fire	A 1
Water impermeability	in compliance with paragraph 5.3.4 e 7.3.3
Warm water	RL > 0,7
Soak - dry	RL > 0,7
Freeze - thaw	RL > 0,7
Heat - rain	in compliance with paragraph 5.4.3 e 7.4.2 (no alteration)
Dangerous substances release	< 0,1%
Thermal conductivity "λ"	~ 0,54 [W/(m · K)]
Gross calorific value	0,2 [MJ/Kg]
Sound reduction index "R"	~22 [dB]
Water vapour permeability "p"	$2,5 \cdot 10^{-12} \pm 0,3 \cdot 10^{-12}$ [Kg/(m · s · Pa)]

8) The performance of the product identified above is in conformit with all the performances declared. This declaration of responsibility is issued, in compliance with the regulations (UE) n: 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Responsabile Laboratorio Ricerche e Controllo Qualità
Edoardo Mellia