

DECLARATION OF PERFORMANCE Nr. 2

1.Unique identification code of the product

type: **sheet - article code: BAxxxxxxxxxxxxxx.**

The code specifies: alloy, thickness (mm), temper, width (mm), length (mm), type of surface : mill finish, thickness tolerance, type of coating.

ex. BA5D2000HA1500030000MCB (BA=sheet, 5F=alloy 5049, 2000=thickness 2mm, HA1= temper H111, 15000=width 1500 mm, 30000=length 3000 mm, M= Mill Finish, C= centre thickness tolerance, B= without coating)

In **TAB.1** – alloy identification, tempers and feasible thicknesses.

Description Sheet / plate / strip: EN 485-1 - EN 485-2 - EN 485-4													
Alloy	Temper												Thickness range (mm)
EN 573-3	0 H111	H12	H22	H14	H24	H16	H26	H17	H18	H28	H19	H29	
EN AW 5754	X	X	X	X	X				X	X	(1)	(1)	0.2-6.0
EN AW 5251	X	X	X		X								0.2-6.0
EN AW 5182	X	(1)	(1)										0.2-6.0
EN AW 5052	X	X	X										0.2-6.0
EN AW 5049	X	X	X		X								0.2-6.0
EN AW 5005	X	X	X	X	X				X				0.2-6.0
EN AW 5005A	X	X	X	X	X				X				0.2-6.0
EN AW 5083	X		X						(1)				0.2-6.0
EN AW 3105		X			X	X	X	(1)	X	X	X	(1)	0.2-2.0
EN AW 3005	X	X	X	X	X	X	X	(1)	X	X			0.2-6.0
EN AW 3003					X		X		X	X			0.2-6.0
EN AW 1050A				X	X								1.0-6.0
EN AW 1200				X	X	X							1.0-4.0

(1) Mechanical characteristics previously agreed between part

TAB.1)

2. Intended use/es: internal and external load-bearing structural construction works

3.Manufacturer:

Profilglass S.p.A.,
via Meda 28, Bellocchi di Fano, 61032 (PU)
Italy

4.Authorised representative: N.A.

5. System/s of AVCP: 2+ system

6a.Harmonised standard: EN 15088:2005

Notified body/ies: Bureau Veritas

Certificate number: 1370-CPR-1296

6b.European Assessment Document: N.A.

European Technical Assessment: N.A.
Technical Assessment Body: N.A.
Notified body/ies: N.A.

7.Declared performance/s:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonised technical specification</i>
Shape and dimensional tolerances	Compliant. According to UNI EN 485-4	EN 15088:2005
Elongation	Compliant. According to UNI EN 485-2	
Ultimate tensile strength	Compliant. According to UNI EN 485-2	
Tensile yield strength	Compliant. According to UNI EN 485-2	
Weldability	NPD	
Bendability	Compliant. According to TAB.2	
Fatigue strength	NPD	
Dangerous substances (regulated)	Compliant. According to REACH (CE) n. 1907/2006 Regulation 2011/65/CE (RoHS) Directive	
Durability (corrosion resistant)	NPD	

Lega (Alloy) Numerical designations	Stato Fisico (Temper)											
	H0 H111	H12	H14	H16	H17	H18	H19	H29	H22	H24	H26	H28
EN AW 5754	B1	(*)	B2						(*)	B2		
EN AW 5251	(*)	(*)							(*)	B2		
EN AW 5182	(*)											
EN AW 5052	(*)	B2							B2			
EN AW 5049	B1								(*)	B2		
ENAW 5005 ENAW 5005A	B1	B2	B2			B3			B2	B2		
EN AW 5083	B1								B2			
EN AW 3105		(*)				B3				(*)		
EN AW 3005	(*)	(*)	B2	B2		B3			(*)	B2	B2	B3
EN AW 3003						B3				(*)	(*)	B3
EN AW 1050A			(*)							(*)		
EN AW 1200			(*)	(*)						(*)		

(*) for information only – in according to EN 485-2

Tab. 2

8.Appropriate Technical Documentation and/or Specific Technical Documentation: N.A.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Giancarlo Paci, at Bellocchi di Fano, on 29/08/2019.

