

ORGANIZATION FOR TECHNICAL CONFORMITY

CERTIFICATION BODY OF CONSTRUCTION PRODUCTS

CE 1857

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

1857 - CPR - 01418

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

EXTRUDED ALUMINIUM AND ALUMINIUM ALLOYS PROFILES

Designed for metal constructions and combined steel-concrete constructions in buildings and engineering equipments / provided for the production of doors, windows, curtain walls, ventilated facades / with performance and test methods, as provided in the declaration of performance of manufacturer listed in the Annex to this certificate

produced by

E TEM BULGARIA S.A.

Sofia, 119 A Iliyantsi blvd.

and produced in the manufacturing plant

E TEM BULGARIA S.A.

Sofia, 119 A Iliyantsi blvd.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 15088:2005

Under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above.

This certificate was first issued on 06.12.2013 and will remain valid to 05.12.2016, provided that the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Department Head:

/dipl. eng. B. Stoyanova/

Sofia, December 06, 2013



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ANNEX


to certificate № 1857 - CPR - 01418 issued on 06.12.2013

Product	Alloy	Temper	Maximum diameter/thickness
Extruded profiles	EN AW 6005A	T6	According to the technical order
	EN AW 6060	T5/T6/T64/T66	
	EN AW 6063	T5/T6/T64/T66	
	EN AW 6082	T4/T5/T6	
	EN AW 6106	T6	
	EN AW 6061	T6	
Extruded tubes	EN AW 6060	T66	240 mm/ 40 mm
	EN AW 6082	T5/T6	
Extruded rods	EN AW 6082	T6	80 mm/ -

Performance

Essential characteristic	Technical specification	Test method
Chemical composition and form of products	EN 573-3	EN 573-3, EN 755-1
Tolerances on dimensions and form, mm	EN 755-1, EN 755-3 to 9 EN 12020-1, EN 12020-2	EN 755-3 to 9, EN 755-1, EN 12020-1
Elongation, %	EN 755-2	EN ISO 6892-1, EN 755-1
Ultimate tensile strength, N/mm ²	EN 755-2	EN ISO 6892-1, EN 755-1
Tensile yield strength, N/mm ²	EN 755-2	EN ISO 6892-1, EN 755-1
Weldability* Weldability I to IV	EN 1999-1-1	EN 1999-1-1 Tables C.1 and C.2
Bendability* Class bending B0 - B5	EN 1999	EN 15088 Annex B
Fatigue strength*		
Existing alloys, classes I and II	EN 1999-1-1	EN 1999-1-3
New alloys, class III	EN 1999-1-3	EN 15088 Annex A

* When required by the contract

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