

DECLARATION OF PERFORMANCE – as per European Regulation 305/2011

NR. AL02-5183R2

- 1) Unique identification code of the product type: **SAFRA AlMg4,5Mn / 5183**
- 2) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **SAFRA AlMg4,5Mn – S Al 5183 as per EN ISO 18273**
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **to be used for fusion welding of metallic structures or composite metal and concrete structures in construction works, in GMAW or GTAW welding of materials groups 22 and 23 as per ISO/TR 15608.**
- 4) Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

SAFRA SPA
Via Averolda, 13/15 – 25039 – Travagliato (BS), Italy
Tel +39 030 6863241 – Fax +39 030 6863246
Email: info@safraspa.it

- 5) System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**
- 6) In case of the declaration of performance concerning a construction product covered by a harmonized standard:
Notified factory production control certification body TÜV Rheinland Industrie Service GmbH KG, NoBo 0035, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity nr. 0035-CPR-C645, of the factory production control.
- 7) Declared performance

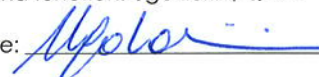
Essential characteristic	Performance		Harmonised technical specification
Tolerance on dimensions	Diameter	EN ISO 544	EN 13479:2017
	Spool type	EN ISO 544	
	Tig rods length	EN ISO 544	
Chemical analysis of NOT welded wires/rods. Single values are max.	Al	Rest	
	Si	0,40	
	Fe	0,40	
	Cu	0,10	
	Mn	0,50 – 1,0	
	Mg	4,3 – 5,2	
	Cr	0,05 – 0,25	
	Zn	0,25	
	Ti	0,15	
	Be	0,0003	
	Other elements each	0,05	
	Other elements total	0,15	

- 8) 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 4.

Signed for and on behalf of the manufacturer by:

Name and function: Ugo Lorini, QAM

Signature: 

Place and date of issue: Travagliato, 1st July 2026