

DECLARATION OF PERFORMANCE

per EU Regulation Nr. 305/2011

SIFMIG 5183

Doc # : DOP/WO28/06



1. Unique identification code of the product-type

EN ISO 18273:2015 S AL 5183 (ALMG4.5MN0.7)

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)

Bare, solid, continuous spooled wire, labelled as above, with product code starting WO28

3. Intended use(s) of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer

A welding consumable used in metallic structures or in composite metal and concrete structures.

4. Name, registered trade name and contact address of the manufacturer

Weldability Sif, Peters House, Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, UK. SG6 1ET

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)

n/a

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

Netsuite

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard

Notified factory production control certification body number 0036 – TÜV SÜD Industrie Service GmbH, Munich, Germany - 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 of the factory production control; Certificate no: 0036-CPR-S025.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued

n/a

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9. Declared performance

Essential characteristics BS EN 13479:2017 Annex ZA.1	Performance		Product Standard	Harmonised technical specification
Chemical composition.	Al	REM	EN ISO 18273:2015	BS EN 13479:2017
Wt% (single values maximum).	Be	0.0003		
	Mn	-		
	Fe	0.40		
	Cu	0.10		
	Cr	0.05 – 0.25		
	Mg	4.30 – 5.20		
	Mn	0.50 – 1.00		
	Si	0.40		
	Ti	0.15		
	Zn	0.25		

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9

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:



Andy Thomas
UK Technical Training Manager

Letchworth Garden City, UK.

May 2025

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@weldability-sif.com**