

# DECLARATION OF PERFORMANCE

in ACCORDANCE with REGULATION (EU) No. 305/2011 - (EU) No. 574/2014

## 1. Unique identification code of the product-type:

XP ER 5183 - EN ISO 18273 - S Al 5183 (AlMg4.5Mn0.7(A))

## 2. Intended use or uses:

To be used for fusion welding of metallic structures or composite metal and concrete structures in construction works

## 3. Manufacturer:

Parweld Limited, Bewdley Business Park, Long Bank, Bewdley, Worcestershire, England, DY12 2TZ

## 4. Authorised representative:

Not applicable

## 5. System or systems of AVCP:

System 2+

## 6. Harmonised standard:

EN 13479:2017

## Notified body:

0036 - TÜV SÜD Industries Service GmbH, Westendstraße 199, D-80686 München, Germany

Performed the initial inspection of the manufacturing plant and of the factory production control; continuous surveillance, assessment and evaluation of the factory production control, and issued the certificate of conformity of the factory production control; Certificate No: CPR S 133.2021.002

## 7. Declared Performance:

Essential Characteristics	Elements	Min % (m/m)	Max % (m/m) <sup>1</sup>	Harmonised Technical Specification
Chemical Composition	Si		0.40	EN 13479:2017 - (Annex ZA) EN ISO 18273:2015
	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	
	Al		Rem	
	Be		0.0003	
	Other Each		0.05	
Other Total		0.15		

<sup>1</sup>Single values show in the table are maximum values

## 8. Appropriate technical documentation and/or specific technical documentation:

Not applicable

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:

Place: Bewdley, Worcestershire

Date: 03/07/2024

*J Ford*

Jason Ford  
Product Manager



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