

DECLARATION OF PERFORMANCE

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

1. Unique identification code of the product-type:

XP 100 - EN ISO 16834-A - G 55 5 M21 Mn3NiCrMo

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) ¹	Harmonised Technical Specification
Chemical Composition	C		0.14	EN 13479:2017 - (Annex ZA) EN ISO 16834:2012
	Si	0.60	0.80	
	Mn	1.30	1.80	
	P		0.015	
	S		0.018	
	Ni	0.50	0.65	
	Cr	0.40	0.65	
	Mo	0.15	0.30	
	Cu		0.30	
	V		0.03	
	Ti		0.10	
	Zr		0.10	
	Al		0.12	
Total Other Elements			0.25	

¹Single 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



Parweld Limited | Bewdley Business Park, Long Bank,
Bewdley, Worcestershire, England, DY12 2TZ
T +44 1299 266 800 | E sales@parweld.co.uk | W www.parweld.co.uk

