



DECLARATION OF PERFORMANCE

Acc Regulation (EU) No. 305/2011



DoP No: ELGA97351EN
Rev: 1

Sida 1 av 2

1. Unique identification code of the product-type:

Elgatig 162 - EN ISO 636-A - W 46 6 W3Ni1

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

Solid rod, with item no starting with: 97351

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Filler materials and fluxes to be used for fusion welding of metallic structures or composite metal and concrete structures in construction works.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

ITW Welding AB, Järntrådsvägen 2, 433 30 Partille, Sweden

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 CPR, Annex V:

System 2+

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

Notified factory production control certification body no. 0200 - FORCE Certification A/S, Denmark - 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.: 0200-CPR-E.005.

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

Not applicable



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9. Declared performance

Essential characteristics (EN 13479:2017)	Performance	Classification standard	Harmonised technical specification
Classification (Class)	W 46 6 W3Ni1	EN ISO 636-A	
Tolerances and dimensions	Passed	EN ISO 544	
Elongation	>20	EN ISO 636-A	
Tensile strength	530-680	EN ISO 636-A	
Yield strength	>460	EN ISO 636-A	EN 13479:2017
Impact toughness	-60	EN ISO 636-A	
Chemical composition	Passed	EN ISO 636-A	
Durability	Passed		
Dangerous substances	Passed**		
Emission of radioactivity	Not relevant		

*) listed essential characteristics have been determined on all-weld-metal test specimens in accordance with relevant EN classification standard(s). Performances obtained in production joints will vary because of differences in welding position, welding parameters, joint geometry, parent metal composition and dilution, etc. The user shall select, validate and properly execute the welding procedure that is appropriate for obtaining the declared performances in the specific use.

***)Se Safety Data Sheet available at www.elga.se

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:

Partille, 2019-06-05

Veronica Bertilsson

Quality Assurance Manager