

Lincoln Electric EMEAR Declaration of Performance



1. Unique identification code of the product-type:

Super 46+ - ISO 2560-A : E 38 0 R 11

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

SMAW-product, with description containing: Super 46+.

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

Welding consumables used in metallic structures or in composite metal and structures.

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

Harris Calorific International Sp. z o.o. ul. Strefowa 8, 58-200 Dzierzoniow, Poland.

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

Not Applicable.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in 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 specification body number 0045 – TÜV NORD Systems GmbH & Co. KG, Langemarckstrasse 20, 45141 Essen, Germany - performed the initial inspection of the manufacturing plant and of 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 0045-CPR-1201.

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

Not Applicable

9. Declared performance:

Essential characteristics (EN 13479 Annex ZA)	Mechanical Properties: AW (single values are min.)		Classification Standard	Harmonized Technical spec.
Tolerances on dimensions	Passed		EN ISO 544	EN 13479
Elongation A4/A5	17/22%		ISO 2560	EN 13479
Yield strength	380 MPa		ISO 2560	EN 13479
Impact toughness ind./avg.	33/47 J, -10°C		ISO 2560	EN 13479
Tensile strength	480-560 MPa		ISO 2560	EN 13479
Chemical composition	Passed		ISO 2560	EN 13479
Durability	Passed			EN 13479
Dangerous substances	Passed**			EN 13479
Emission of radioactivity	Is not relevant			EN 13479

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.

**) See Safety Data Sheet available at <http://www.lincolnelectric.com/en-gb/support/msds/>

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:

Remigiusz Polaczek/HarrisPoland
Nijmegen, 2017-03-21

Document number	Revision	Rev. Date
psd-Super 46+	1.0	2013-12-17