

## The Lincoln Electric Company DECLARATION OF PERFORMANCE

**1 Unique identification code of the product-type:**

Innershield® NR®-211-MP - EN ISO 17632-B T 49 Z T11-1 N A H15

**2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article**

**11(4): FCAW product with description containing:** Innershield® NR®-211-MP

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

Welding consumable used in metallic structures or composite metal and concrete structures

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

The Lincoln Electric Company  
22801 St. Clair Ave.  
Cleveland, OH 44117 USA

**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 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. 0035 – TUV Rheinland Industrie Service GmbH, Am Grauen Stein, D-51105 Koln 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 (FPC conformity certificate): 0035-CPD-C400

**8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:** Not applicable

**9 Declared performance**

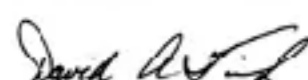
Essential characteristics (EN 13479:2004)	Mechanical Properties: AW (single values are minimum)	Classification Standard	Harmonized Technical Spec.
Classification (Class)	T 49 Z T11-1 N A H15	EN ISO 17632-B	EN 13479:2004
Tolerances and dimensions	Passed	EN ISO 544	EN 13479:2004
Elongation (A5)	18%*	EN ISO 17632-B	EN 13479:2004
Tensile Strength	490-670 MPa*	EN ISO 17632-B	EN 13479:2004
Yield Strength	390 MPa*	EN ISO 17632-B	EN 13479:2004
Impact Toughness (ind./avg)	Not required	EN ISO 17632-B	EN 13479:2004
Chemical composition	Passed	EN ISO 17632-B	EN 13479:2004
Durability	Passed	EN ISO 17632-B	EN 13479:2004
Dangerous substances	Passed**	EN ISO 17632-B	EN 13479:2004
Emission of radioactivity	Not relevant		EN 13479:2004

\*) 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 [www.lincolnelectri.com](http://www.lincolnelectri.com)

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:



David Fink, Manager Compliance Engineering (Consumables)  
Cleveland, Ohio, USA 10 September 2015