

	DECLARATION OF PERFORMANCE			DoP N : ABS 007 Date : 26/08/2014
		ABRACOR www.abracor.com		

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

EN ISO 18275-A : E 55 4 MnMo B 4 2 H5

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

LH 98 DS

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

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

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

ABRACOR S.A.
Rue de la Science 2
1400 Nivelles – Belgium
DoP N : ABS 007

5. **Where applicable, name and contact address of the authorised 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 certification body number 0038 –Lloyds Register, 71 Fenchurch St, London EC3M 4BS, United Kingdom– 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 n°: 0038-CPR-ANT1440157

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)	Performance	Harmonized technical specification
Tolerances on dimensions	Passed	EN13479:2004 ; EN ISO 544:2011
Elongation (%)	>18	EN 13479:2004 ; ISO 18275-A:2012
Tensile strength (MPa)	630-710	EN 13479:2004 ; ISO 18275-A:2012
Yield strength (MPa)	540-600	EN 13479:2004 ; ISO 18275-A:2012
Impact toughness	+20°C → 150J ; -40°C → 50J ; -50°C → 30J	EN 13479:2004 ; ISO 18275-A:2012
Chemical composition	Passed	EN 13479:2004
Durability	Passed	EN 13479:2004
Dangerous substances	Passed	EN 13479:2004
Emission of radioactivity	Is not relevant	EN 13479:2004

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:

P.LAGRANGE – Administrator – Tel: +32.67.220.210 – p.lagrange@abracor.be

Nivelles, 26/08/2014

