


DECLARATION OF PERFORMANCE acc Regulation (EU) No. 305/2011

1. **Unique identification code of the product-type:**
CEWELD 12018-G (EN ISO 18275-A: E 78 4 Mn2Ni1CrMo B42 H5, 18275-B: ~E 8316-N5CM3 H5)
2. **Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**
Product name: 12018-G
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 in composite metal and concrete structures.
4. **Name, registered trade name and contact address of the manufacturer as required pursuant to Article 11(5):**
Certilas Nederland BV, Gloxinialaan 2, 6851 TG Huissen
5. **Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):**
NA
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 0035 - TÜV Rheinland Industrie Service GmbH, Cologne, 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; Certificate no: 0035-CPD-C923.
8. **In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**
NA
9. **Declared performance:**
Essential characteristics (EN 13479:2004)

Heat treatment	RPO,2 (N/mm2)	Rm (N/mm2)	A5 (%)	Impact energy (J) ISO-V			Hardness HRc / HV
				-20°C	-40°C	-60°C	
AW	>790	980-1080	>14		>47		

Results essential characteristics (EN 13479:2004)	Performance	Harmonised technical specification
Tolerances on dimensions	Passed	EN 13479:2004, EN ISO 544:2011
Elongation	Passed	EN 13479:2004, EN ISO 2560-A:2009
Tensile strength	Passed	EN 13479:2004, EN ISO 2560-A:2009
Yield strength	Passed	EN 13479:2004, EN ISO 2560-A:2009
Impact toughness	Passed	EN 13479:2004, EN ISO 2560-A:2009
Chemical composition	Passed	EN 13479:2004, EN ISO 2560-A:2009
Durability	Passed	EN 13479:2004
Dangerous substances	Passed*	EN 13479:2004
Emission of radioactivity	Passed	EN 13479:2004

Notified body / Benannte Stelle: TÜV Rheinland Industrie Service GmbH

Huissen 11.26.17	Quality controll / Bevollmachtigte Person  Robert Steijaert
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