

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

1. **Unique identification code of the product-type:**
CEWELD **AlSi 5 Tig** (EN ISO 18273: S Al 4043A (Al Si 5(A)))
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: **AlSi 5 Tig**
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 | Rp0,2 (N/mm ²) | Rm (N/mm ²) | A5 (%) | Impact Energy (J) ISO-V | | | T (°C) |
|----------------|----------------------------|-------------------------|--------|-------------------------|-------|-------|---------|
| | | | | -20°C | -40°C | -60°C | |
| AW | >70 | >130 | >17 | | | | 573-625 |

| 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 11.27.17

Quality control / Bevollmächtigte Person



Robert Steijaert