

# DECLARATION OF PERFORMANCE

No. MM HTW- 50-3Si1 -201601

- Unique identification code of the product type:  
**HTW-50: EN ISO 14341-A - G 42 2 C1/G 42 4 M21 3Si1**
- Type, batch or serial no. or any element allowing identification of the construction product as required pursuant to Article 11(4):  
**HTW-50 : Type 1**
- Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
**Use in metallic structures or in composite metal and concrete structures (See table ZA.2 of EN 13479)**
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required acc. to Article 11(5):  
**HIT Welding Industry Co., Ltd.  
7 Industry Road, Yaoguan Town, Wujin District, Changzhou City, China**
- Where applicable, name and contact address of the authorized representative whose mandate covers the tasks acc. to Article 12(2):  
**n.r.**
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**
- In case of the declaration of performance concerning a construction product covered by a harmonized standard:  
**The Notified Body– TÜV SÜD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich, no. 0036 – has performed the initial inspection of the manufacturing plant and of factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued a certificate of conformity of the factory production control with no. 0036 – CPR – S 013**
- In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:  
**n.r.**
- Declared performance:

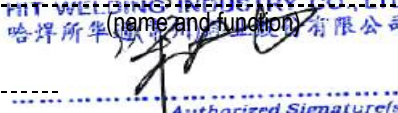
Essential characteristics (EN 13479: 2004, Anhang ZA)	Performance	Harmonized technical specification
Tolerances on dimensions	passed	EN 13479:2004, EN ISO 544:2011
Elongation	≥ 22 %	EN 13479:2004, EN ISO 14341:2010
Tensile strength	500 – 640 MPa	EN 13479:2004, EN ISO 14341:2010
Yield strength	≥ 420 MPa	EN 13479:2004, EN ISO 14341:2010
Impact strength	≥ 47 J (C1: - 20 °C M21 -40 °C)	EN 13479:2004, EN ISO 14341:2010
Chemical composition	passed	EN 13479:2004, EN ISO 14341:2010
Durability	passed	EN 13479:2004
Emission of radioactivity	not relevant	EN 13479:2004

- 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:

For and on behalf of  
HIT WELDING INDUSTRY CO., LTD  
哈焊所华邑焊接工业有限公司

Changzhou 2016-02-20

(place and date of issue)

  
Authorized Signature(s)

居晓锋

(signature)