

Declaration of Performance

No. HWC-773-00



- Unique identification code of the product-type:
Welding consumables (filler metals and fluxes for fusion welding of metallic materials)
- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:
SMT-5183H
(Filler wire/rod EN ISO 18273-S Al 5183)
- Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Metallic structures or composite metal and concrete structures
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):
HYUNDAI WELDING CO., LTD.
100, Daesong-ro, Nam-gu, Pohang, Gyeongbuk 37863 / Korea, R.O.K.
- Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):
not applicable
- System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:
System 2+
- Declaration of performance concerning a construction product covered by a harmonized standard:
The Notified body TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, D-51105 Cologne, GERMANY, identification number 0035 performed the initial inspection of the factory and factory production control and the continuous surveillance, assessment and approval of factory production control according to EN 13479:2004 and issued the certificate of conformity of factory production control, Certificate No. 0035-CPR-C760
- In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
not applicable
- Declared performance:

Essential characteristics (EN 13479:2004 Annex ZA)	Performance	Harmonized technical specification
Tolerances on dimensions	Pass acc. to EN ISO 544:2011	EN 13479:2004
Elongation	≥ 17 %	
Tensile strength	≥ 275 Mpa	
Yield strength/point	≥ 125 MPa	
Impact strength	≥ 16 J (R.T.)	
Chemical composition	Pass acc. To Al 5183 in EN ISO 18273:2015 table 1	
Durability	Pass	
Dangerous substances	No performance determined	
Emission of radioactivity	Is not relevant	

- 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:

Kyong Woo, Park / Quality Assurance Manager

(Name and position)

Pohang, February 21, 2018

(Place and date of issue)

K.W. Park

(Signature)