

Declaration of Performance

No.NS-5183

- 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:
Als 5183
(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):
Nikkei Sangyo Company, Ltd.,
5407-1 Kambara, Shimizu-ku, Shizuoka-shi, Shizuoka 421-3203 / JAPAN
- Where applicable, name and contact address of the authorised 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+
- In case of the declaration of performance concerning a construction product covered by a harmonized standard:
Notified body TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, D-51105 Cologne, GERMANY, identification number 0035 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 constancy of conformity of the factory production control No. 0035-CPR-C714
- 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 13479:2017 Annex ZA)	Performance	Harmonized technical specification
Chemical composition	Pass acc. to Al 5183 of EN ISO18273:2015 table 1	EN 13479:2017

Alloy symbol		Chemical composition in % (m/m)*											
Numerical	Chemical	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al (min.)	Be	Other each	Other total
Al 5183	AlMg4.5Mn0.7(A)	0.40	0.40	0.10	0.50 to 1.0	4.3 to 5.2	0.05 to 0.25	0.25	0.15	Rem	0.0003	0.05	0.15

* Single values shown in the table are maximum values except for Al which are minimum values.

- 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:

F. Soneda, General Manager

(Name and position)

Shimizu, April 24, 2019

(Place and date of issue)



(Signature)