CE

Declaration of Performance
Ref. 544

1. Unique identification code of the product-type:

»SubCOR SL P11«

2. Type, batch or serial number or any other element allowing identification of the construction product:

Type - number SLP11

3. 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

4. Name, registered trade name and contact address of the manufacturer as required pursuant to Article 11(5):

ITW Welding GmbH, 67317 Altleiningen, Spechttal 1a

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

not applicable

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, Am Grauen Stein, D-51105 Köln, 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 – CPR – C500.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued

not applicable

9. Declared performance

Essential characteristics (EN 13479: 2004, Annexe ZA)	Performance	Harmonised technical specification
	SWX150	
	EN ISO 24598-A: S T CrMo1 FB	
Elongation	≥ 20% *)	EN 13479: 2004, EN ISO 24598-A: 2012
Tensile strenght	≥ 510 MPa *)	EN 13479: 2004, EN ISO 24598-A: 2012
Yield strenght	≥ 355 MPa *)	EN 13479: 2004, EN ISO 24598-A: 2012
Impact strenght	≥ 47 J / RT *)	EN 13479: 2004, EN ISO 24598-A: 2012
Chemical composition of the all weld metal (%)	Mn ≤ 1,20 Cr:0,80-1,30 Mo:0,35-0,65	EN 13479: 2004, EN ISO 24598-A: 2012
Durability	passed	EN 13479: 2004
Dangerous substances	Passed**)	EN 13479:2004
Emission of radioactivity	Is not relevant	EN 13479 2004

*) PWHT: 660-700°C / 60min

**) More details about dangerous substances see Material safety data sheet at www.itw-welding.de

10. 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:

G.Hiereth, QMB

(Name and funktion)

Altleiningen / 07. November 2014

(place and date of issue)

(Unterschrift)