

Declaration of performance (DoP)

Nr: 02/14

1. Product code: Weight-bearing steel products
2. Type: Welded steel and weight bearing products according to Semko's non-standard product range
3. Intended use: Fastening plates cast into concrete in order to enable welded joints, ground bolts, wall shoes, column shoes, hollow-core slabhangers
4. Manufacturer: Semko Oy, SEINÄJOKI
5. Plant: Semko Oy, Tehtaantie 8, FIN-60100 SEINÄJOKI
6. Verification of constancy: 2
7. Notified body: 1505
Initial inspection of the manufacturer and the manufacturing product control has been performed by Inspecta Sertifiointi Oy (Finland) and Nordcert (Sweden). Inspecta and Nordcert carry out continuous surveillance of the factory production. Nordcert has issued the factory production control certificate 1505-CPR-CS1022.
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9. Performances:

Essential characteristics	Performance	Harmonised technical specification
Dimension and shape tolerances	EN 1090-2	EN 1090-1:2009+A1:2011
Weldability	EN 10025-2, SS212540, EN 10088 and EN 10080 steel according S235JR+AR, S355J2+N, 1.4301, 1.4401, B500B, B600XB, B600XC	EN 1090-1:2009+A1:2011
Fracture toughness	27J at -20°C	EN 1090-1:2009+A1:2011
Reaction to fire	Class A1	EN 1090-1:2009+A1:2011
Release of cadmium	NPD	EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD	EN 1090-1:2009+A1:2011
Durability	Surface preparation according to EN 1090-2, preparation grade P1 or hot dip galvanizing or special surface treatment according to customer's request	EN 1090-1:2009+A1:2011
Design	NPD	EN 1090-1:2009+A1:2011
Structural characteristics		EN 1090-1:2009+A1:2011
Manufacturing	According to specification FMC 41874.125 (13.11.2013), and EN 1090-2, execution class EXC2. Rebars welding according to ISO EN 17660-1.	EN 1090-1:2009+A1:2011

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Seinäjäki 15.06.2019

Mikko Yliselä
CEO
Semko Oy