

Declaration of Performance

DoP No.: AW 1.4162

according to Annex III Construction Products Regulation (305/2011/EU)

for the construction product	Hot or cold rolled stainless steel sheet/plate and coil	
Unique identification code for product type:	1.4162 – EN 10088-4:2009	
2. Batch No./Serial No. acc. to article 11 par. 4:	See marking / label / inspection document	
3. Intended use for construction product:	Building construction or civil engineering	
4. Contact address of manufacturer: acc. to article 11 par. 5	Outokumpu Stainless AB Avesta Works SE-774 22 Avesta, Sweden	
5. Contact address of authorised representative acc. article 12 par. 2:	Not appointed	
Assessment system and verification for constancy of performance acc. to annex V:	EN 10088-4, annex ZA, System 2+	
7. The notified body :	TÜV NORD Systems GmbH & Co. KG, Hamburg, identification no.: 0045	
has conducted the first inspection and continuous surveillance according to the system above and issued the certificate: as a confirmation of conformity for the factory production control.	0045-CPR-0869	
Construction product with European Technical Assessment:	No	

9. Declared performance:

Essential characteristics	Performance		Harmonised technical specification
Limiting dimension and	Tolerances acc. to EN 9444-2 / 9445-2		EN 10088-4:2009, section 6.9
shape tolerance			
2	Cold rolled	Hot rolled	EN 10088-4:2009, section 6.5.1
proof strength Rp0.2	530 MPa	500 MPa	
tensile strength Rm	700-900 MPa	680-900 MPa	
elongation A	30 %	30 %	
ISO-V impact energy KV		40 J (transverse)	
Weldability	(proven by chemical composition)		EN 10088-4:2009, section 6.3
Durability	(proven by chemical composition)		EN 10088-4:2009, section 6.3 and 6.4
Fracture toughness/	(proven by ISO-V impact energy)		EN 10088-4:2009, section 6.5.1
brittle fracture			
Cold formability	(proven by elongation)		EN 10088-4:2009, Section 6.8
Regulated substance	No performance determined		

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 Pål Åström, Senior Vice President:

Avesta 2014-10-10