

DECLARATION OF PERFORMANCE
No . 0101001

Product type: **Stainless steel flat bars in grades EN 1.4301, 1.4307, 1.4571, 1.4404, 1.4162**

Intended use or uses of the construction product: **Corrosion resistant flat bar for building construction**

Manufacturer:
Stalatube Oy, Taivalkatu 7, 15170 Lahti, FINLAND

System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **2+**

The notified body Karlsruher Institute für Technologie (KIT) 0769, has performed the initial inspection of the factory production control and issued the certificate of conformity nr 0769-CPD-132089.

Essential characteristics	Performance					Harmonized Technical Specification
Tolerances on dimensions and shape	EN 10058:2004					EN 10088-5:2009
Grades	1.4301	1.4307	1.4404	1.4571	1.4162	
Elongation (A), min	45	45	40	40	30	
Tensile strength (Rm)	500...700	500...700	500...700	500...700	650...850	
0.2% yield strength, min	190	175	200	200	450	
Impact strength, KJ	100	100	100	100	60	
Weldability	covered by chemical composition					
Durability	covered by chemical composition					
Fracture toughness	covered by impact strength					
Cold formability	covered by elongation					

The Performance of these Products is in conformity with the declared performance.


Emilia Lempiäinen / Quality Manager

Lahti 17.3.2020