

# DECLARATION OF PERFORMANCE

ref. CFS\_S235J2C+N\_20150923

**Product type:**

Structural cold-formed steel section

**Intended use:**

Structural non-welded cold-formed steel components

**Company:**

**SSAB**

SSAB Europe Oy  
Harvialantie 420,  
FI-13300 Hämeenlinna, FINLAND

Verification of constancy:  
System 2+

**Notified body:**

Inspecta Sertifiointi Oy  
PL 113  
FI-00181 Helsinki, Finland

Inspecta Sertifiointi (No 0416) has performed initial inspection of the manufacturing plant and factory product control and continuous surveillance, assessment and evaluation of factory production control and issued factory production control certificates.

**Essential characteristics:**

Mechanical properties	Fracture toughness min J / Temp	Weldability	Tolerances on geometrical data	Durability	Reaction to fire	Release of cadmium	Emission of radioactivity
S235J2C+N acc. EN10025-2, testing on basis of EN10162	27 J / -20 °C	S235J2C+N EN10025-2: 2004	EN 1090-2 and EN 10162	Suitable for hot dip galvanizing	Material classified: Class A1	NPD	NPD

Akaa 23.09.2015



Hannu Koukkari  
Head of Toijala mill  
SSAB Europe Oy



**0416**

**SSAB**

**SSAB Europe Oy, Harvialantie 420,  
13300 Hämeenlinna  
15**

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**EN 1090-1:2009+A1:2011**

**Structural cold-formed steel section**

Mechanical properties	<b>S235J2C+N acc. EN10025-2, testing on basis of EN10162</b>
Tolerances on geometrical data	<b>EN 1090-2 and EN 10162</b>
Weldability	<b>S235J2C+N EN10025-2: 2004</b>
Fracture toughness min J / Temp	<b>27 J / -20 °C</b>
Reaction to fire	<b>Material classified: Class A1</b>
Release of cadmium	<b>NPD</b>
Emission of radioactivity	<b>NPD</b>
Durability	<b>Suitable for hot dip galvanizing</b>
Structural characteristics	
Design	<b>NPD</b>
Manufacturing	<b>on basis of EN 10162 and EN 1090-2, executing class EXC2</b>