

## DECLARATION OF PERFORMANCE

- 1 Unique identification codes of the product-type: S235JR, S235J0, S235J2 EN 10025-2:2019
- 2 Type Nos.: S235JR, S235J0, S235J2
- 3 Intended use of the construction product, in compliance with the standard: EN 10025-2:2019 Hot rolled products of structural steel
- 4 Registered trade name and contact address of the manufacturer: Metallurgica Marcora S.p.A.  
Via IV Novembre, 71  
20012 Cuggiono (MI) – Italia
- 6 System of assessment and verification of consistency of performance of the construction product: 2+
- 7 Notified certification body: IGQ – Viale Sarca 336, 20126 Milano (MI), N. Id. 1608, performed The initial inspection of the manufacturing plant and of the factory Production control, and carries out the continuous surveillance, assessment and evaluation of Factory Production Control (FPC) issuing the certificate CPR n. P266

### 9 Declared Performance:

ESSENTIAL CHARACTERISTICS:	PERFORMANCE					
	SHAPE					
SHAPE AND SIZE TOLERANCES	Flats		Squares		Special Profiles	
	width 12÷65 mm thickness 4÷32 mm		9÷30 mm		Thickness 4÷32 mm as per customer drawing	
	HARMONISED TECHNICAL SPECIFICATION: EN 10058:2004		HARMONIZED TECHNICAL SPECIFICATION: EN 10059:2003		AS PER CUSTOMER SPECIFICATION	
Nominal thickness	Flats		Squares		Special Profiles	
	≤ 16 mm	16÷32 mm	≤ 16 mm	16÷32 mm	≤ 16 mm	16÷32 mm
Stretch %	≥ 26		≥ 26		≥ 26	
Tensile Strength (Mpa)	da 360 a 510		da 360 a 510		da 360 a 510	
Yield Strength (Mpa)	≥ 235	≥ 225	≥ 235	≥ 225	≥ 235	≥ 225
Impact test at 20°C in J (S235JR)	≥ 27		≥ 27		≥ 27	
Impact test a 0°C in J (S235J0)	≥ 27		≥ 27		≥ 27	
Impact test a -20°C in J (S235J2)	≥ 27		≥ 27		≥ 27	
Weldability (CEV %)	≤ 0,35		≤ 0,35		≤ 0,35	
Durability	NDP					

10 The performance of the product identified on points 1 and 2 is in conformity with the performance declared on point 9. This Declaration of Performance is issued under the sole responsibility of the manufacturer, as identified on point 4.

Signed for and on behalf of Metallurgica Marcora S.p.A. by:

Cuggiono, 27/11/2024

Matteo Peri  
Responsabile Qualità

