

DECLARATION OF PERFORMANCE

1 Unique identification codes of the product-type:	S355JR, S355J0, S355J2 EN 10025-2:2019
2 Type Nos.:	S355JR, S355J0, S355J2
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 AND SIZE TOLERANCES	SHAPE						
	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		HARMONIZED TECHNICAL SPECIFICATION EN 10025-2:2019
	≤ 16 mm	16÷32 mm	≤ 16 mm	16÷32 mm	≤ 16 mm	16÷32 mm	
Stretch %	≥ 22		≥ 22		≥ 22		
Tensile Strength (Mpa)	da 470 a 630		da 470 a 630		da 470 a 630		
Yield Strength (Mpa)	≥ 355	≥ 345	≥ 355	≥ 345	≥ 355	≥ 345	
Impact test at 20°C in J (S235JR) Impact test at 0°C in J (S235J0) Impact test at -20°C in J (S235J2)	≥ 27		≥ 27		≥ 27		
Weldability (CEV %)	≤ 30 mm	30 ÷ 32 mm	≤ 30 mm	30 ÷ 32 mm	≤ 30 mm	30 ÷ 32 mm	
	≤ 0,45	≤ 0,47	≤ 0,45	≤ 0,47	≤ 0,45	≤ 0,47	
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:

Matteo Peri
Responsabile Qualità



Cuggiono, 27/11/2024