

DECLARATION OF PERFORMANCE

No. CPR-GST-003 (Rev.01)

According to Annex III construction Products Regulation (305/2011/EU)

and Regulation (EU) 98/214/EC

1. Unique identification code of the product-type:

Hot rolled steel strip for structure EN 10025-1:2004 and EN 10025-2:2004

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

S355JR+AR

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Hot Rolled Products of Non-Alloy Structural Steels

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

G Steel Public Company Limited

88 PASO Tower, 18th Floor, Silom Road, Suriyawong, Bangrak, Bangkok, 10500, Thailand

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

6. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 10025-1:2004 and EN 10025-2:2004

7. Notified body: TÜV NORD Systems GmbH & Co. KG

D-22525 Hamburg, Kenn.Nr. 0045-CPR-0851

8. Declared performance

Essential characteristics	Performance			Harmonised technical specification	
Tolerances on dimension and shape	Cl. 2.2			EN 10025—1:2004	
Elongation	Nominal thickness, mm	Minimum elongation, %	Original gauge length, mm	EN 10025—2:2004	
	a ≤1	12	80		
	1 < a ≤1.5	13	80		
	1.5 < a ≤2	14	80		
	2 < a ≤2.5	15	80		
	2.5 < a < 3	16	80		
	3 ≤a ≤40	20	5.65√S ₀		
Tensile strength, R _m	Nominal thickness, mm	Tensile strength, MPa			
	a < 3	510 to 680			
	3≤a ≤100	470 to 630			
Yield Strength, R _{eH}	Nominal thickness, mm	Minimum yield strength, MPa			
	a ≤16	355			
	16 < a ≤40	345			
Impact strength	Quality	Temperature, °C	KV2, J		
	JR	20	≥27		
	J0	0	≥27		
	J2	-20	≥27		
Weldability	CEV ≤0.40 %				
Durability	Class	Si, %	Si+2.5P, %		P, %
	Class 1	≤0.030	≤0.090		—
	Class 3	0.14 ≤Si ≤0.25	—		≤0.035
	Not specified	NPD			

CEV: Carbon equivalent value [CEV = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15]

NPD: No performance determined

9. The performance of the product identified above is in conformity with the set of declared performance.

This declaration of performance is issued, in accordance with regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

加藤久詞

Hisashi KATO

Chief Production Officer

Thailand, 7 December 2023