

CE Declaration of Performance

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

We declare that our production control system and our products identified below is in conformity with Construction Products Regulation (CPR) EU No. 305/2011 and declared performance described in Annex ZA of EN10025-1/2005 for Hot Rolled Wide Flat Steel Products of Structural Steels.

Our Production Control System is approved by SGS ICS — Serviços Internacionais de certificação, Lda Notified Body 1029 and Documented with the Certificate of Factory Production Control No. (1029-CPR-EG20/4391)

Construction Product:	Hot Rolled Wide Steel Flat coils
1. Unique Identification code of Product Type	S355JR, S355J0, S355J2 and S355K2 according to EN 10025-2
2. Intended use for construction products	Flat Steel Products of Structural Steels
3. Contact address for manufacturer	Km 44 Ain Sokhna Road, Economic Industrial Zone, North West Golf of Suez, Egypt
4. Assessment system and verification of constancy of Performance	EN 10025-1, Annex ZA, System 2+
5. The notified body constancy of Performance Certificate No.	SGS ICS — Serviços Internacionais de certificação, Lda Notified Body 1029 Polo Tecnológico de Lisboa. 6 piso 0, 1600-513 Lisboa — Portugal 1029-CPR-EG20/4391

Essential Characteristics		Performance							Harmonized technical specifications
Tolerance on Dimensions	Wide Flat	EN 10051							EN 10025-1:2004
Yield Strength (Reh, MPa)	Grade	Nominal Thickness, mm							
	S355JR / J0 / J2 / K2	$t \leq 13$ 355 min.							
Tensile Strength (MPa)	Grade	Nominal Thickness, mm							
	S355JR / J0 / J2 / K2	$t \leq 3$ 510-680			$3 \leq t < 25$ 470-630				
Elongation % (Transverse), GL 80mm for $t < 3.0$ mm, 5.65sqrt for $t \geq 3.0$ mm	Grade	Nominal Thickness, mm							
	S355JR / J0 / J2 / K2	13	14	15	16	20			
Impact test (J) for thickness ≥ 6.0 mm	Grade	Temperature (°C)			Nominal Thickness, mm				
	S355JR / J0 / J2	-20			$3 \leq t < 13$ 27				
	S355K2	-20			40				
Weldability (Max. CEV) is increased by 0.01% for Si% ≤ 0.25 and 0.02% for Si% ≤ 0.03	Grade	CEV % Max							
	S355JR / J0 / J2 / K2	$t \leq 13$ 0.45							
Durability (Chemical Composition for $t \leq 13$ mm)	Grade	C%	Si%	Mn%	P%	S%	N%	Cu%	
		Max.	Max.	Max.	Max.	Max.	Max.	Max.	
	S355JR	0.24	0.55	1.6	0.035	0.035	0.012	0.55	
	S355J0	0.20	0.55	1.6	0.03	0.030	0.012	0.55	
	S355J2 / K2	0.20	0.55	1.6	0.025	0.025	-	0.55	

Dr. Ayman Fathy



Quality and Product Development Executive Manager