

DECLARATION OF PERFORMANCE

№ 19/01/01-05/04-3

1. Unique identification code of the product-type:	Equal leg angle/ steel as per EN 10025-2 S235J2+AR (1.0117)				
2. Intended use:	Building constructions				
3. Producer:	AO "Steel Works Balakovo", 2 shosse Metallurgov, selo Bykov Otrog, Saratov Region, Russia, 413810, tel. (88453) 66-90-00, fax (88453) 66-90-01, e-mail: priemnaya@balmetall.ru				
4. Assessment and Verification of Constancy of Performance (AVCP) of structural products:	system2+				
5. Harmonized standart: Notified body:	EN 10025-1:2004 AS Inspecta Latvia, NB 1325				
6. Declared performance:					
Essential Characteristics	Quality		Harmonized Technical Requirements		
Permissible Variations in dimensions and shape	Equal leg angle		EN 10025-1:2004		
Yield stress	Nominal thickness (mm)			Values (MPa)	
	>	≤		min	
	3	15		235	
Tensile strength	Nominal thickness (mm)			Values (MPa)	
	>	≤		min	max
	3	15		360	510
Elongation	Nominal thickness (mm)			Values (%)	
	>	≤		min	
	3	15		26	
Impact energy	Nominal thickness (mm)			Values (J)	
	>	≤		min	
	3	15		27 at -20 °C	
Weldability CEV	Nominal thickness (mm)			Values (%)	
	>	≤		max	
	3	15		0,35	
Durability (chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	max		
	3	15	C: 0,17 Mn: 1,40 P: 0,025 S: 0,025 Cu: 0,55 V: 0,13		
7. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) №305/2011, under the sole responsibility of the manufacturer identified above.					

Signed for and on behalf of the manufacturer by:
General Director of AO "SW Balakovo"

Balakovo, Russia, 29.04.2020



(Signature)

V.V. Babenko