

## DECLARATION OF PERFORMANCE

№ 19/01/01-05/04-1

1. Unique identification code of the product-type:	Equal leg angle/ steel as per EN 10025-2 S235JR+AR (1.0038)
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 10056	
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: 0,035 S: 0,035 Cu: 0,55 N**: 0,012 V: 0,13	
** The max. Value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present.				

EN 10025-1:2004

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)*  
(Signature)

V.V. Babenko