

Huta Bankowa Sp. z o.o.

Declaration of Performance

No. 009/CPR/2018

Unique identification code of the product type (round bars/equal-sided angles/bulb bars made of S355J2 steel acc. to EN 10025-2): **1.0577**

Intended use or uses:
in metal structures or composite metal and concrete structures.

Manufacturer: **Huta Bankowa Sp. z o.o.**
ul. Sobieskiego 24
41-600 Dąbrowa Górnicza, POLAND
<http://www.hutabankowa.pl/deklaracje.php>

System of assessment and verification of constancy of performance: **system 2+**

Harmonised standard: **EN 10025-1:2004**

Notified body: Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach Sp. z o.o., notified body number 1436 inspected the production plant and the factory production control in the system 2+ and issued the Certificate of Conformity of the factory production control no. **1436-CPR-0009**

Declared performance characteristics in accordance with the Table no. 1.

The performance of the product identified above is in conformity with the declared performances. This Declaration of Performance has been issued in accordance with the (EU) Regulation no. 305/2011 under the sole responsibility of the manufacturer identified hereinabove.

Signed on behalf of the manufacturer:
Anna Gwóźdź-Kotnis
Production Development and Planning Manager

KIEROWNIK DZIAŁU
Rozwoju i Planowania Produkcji

Anna Gwóźdź-Kotnis

Dąbrowa Górnicza, 07/12/2018

Table no. 1

Essential characteristics				Performance		Harmonised technical specification	
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004		
	Equal-sided angles		EN 10056-2				
	Bulb bars		EN 10067				
Yield strength	Nominal thickness [mm]		Value [MPa]				
	>	≤	Min				
		16	355				
	16	40	345				
	80	100	315				
	100	150	295				
	150	200	285				
	200	250	275				
Tensile strength	Nominal thickness [mm]		Value [MPa]				
	>	≤	min	max			
	≤3	100	470	630			
	100	150	450	600			
	150	250	450	600			
Elongation	Nominal thickness [mm]		Value [%]				
	>	≤	Min				
	≤3	40	22				
	63	100	20				
	100	150	18				
	150	250	17				
Impact strength (KV)	Nominal thickness [mm]		Value [J]				
	>	≤	min				
		150	27 at -20°C				
	150	250	27 at -20°C				
Weldability	Nominal thickness [mm]		CEV [%]				
	>	≤	max				
		30	0,45				
	40	150	0,47				
	150	250	0,54				
Chemical composition:	Maximum element content [%]						
	C	Si	Mn	P	S	N	Cu
	0,22	0,55	1,60	0,030	0,030	-	0,55