

Huta Bankowa Sp. z o.o.

Declaration of Performance No. 012/CPR/2018

Unique identification code of the product type (round bars made of S355N steel acc. to EN 10025-3): **1.0545**

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	
	Yield strength	Nominal thickness [mm]		Value [MPa]			
>		≤	Min				
		16	355				
16		40	345				
80		100	315				
100		150	295				
150		200	285				
Tensile strength	Nominal thickness [mm]		Value [MPa]				
	>	≤	min	max			
		100	470	630			
	100	200	450	600			
	200	250	450	600			
Elongation	Nominal thickness [mm]		Value [%]				
	>	≤	Min				
		16	22				
	16	40	22				
	80	200	21				
Impact strength (KV)			Value [J]				
			Min. 40 J at -20°C				
Weldability	Nominal thickness [mm]		CEV [%]				
	>	≤	Max				
		63	0,43				
	63	100	0,45				
Chemical composition			Maximum element content [%]				
	C	Si	Mn	P	S	Nb	V
	0,20	0,50	0,90÷1,65	0,035	0,030	0,05	0,12
	Al	Ti	Cr	Ni	Mo	Cu	N
	Min. 0,02	0,05	0,30	0,50	0,10	0,55	0,015