

# Huta Bankowa Sp. z o.o.

## Declaration of Performance No. 012/CPR/2022/UK

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: LRQA Verification Ltd., notified body number 0038 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.

**0038/CPR/PRJ11100394858/A**

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 Regulation 2020 no. 1359 under the sole responsibility of the manufacturer identified hereinabove.

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

Anna Gwóźdź-Kotnis

Kierownik Działu  
Technologii i Planowania Produkcji

Dąbrowa Górnicza, 23/12/2022

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				
=90		100	315				
100		150	295				
150		200	285				
Tensile strength	Nominal thickness [mm]		Value [MPa]				
	>	≤	min	max			
	=90	100	470	630			
	100	200	450	600			
	200	250	450	600			
Elongation	Nominal thickness [mm]		Value [%]				
	>	≤	Min				
	=90	200	21				
Impact strength (KV)			Value [J]				
			Min. 40 J at -20°C				
Weldability	Nominal thickness [mm]		CEV [%]				
	>	≤	Max				
	=90	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