

DECLARATION OF PERFORMANCE
No.HR00014|Regulation (EU Exit) 2019 No 465|IT|V003

1. Unique identification code of the product-type:

1.0553

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: to be used as cut to length plates in metal structures or in composite metal and concrete structures

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

ArcelorMittal Commercial UK Ltd.
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B90 4SS Shirley - Sulihull
Great Britain
Tel: +44 121 713 6600 / 6621
Fax: +44 121 745 7350
e-mail: jeff.arnold@arcelormittal.com

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): Non applicable

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+

6a. In case of the declaration of performance concerning a construction product covered by a UK designated standard:
EN 10025-1: 2004

Factory production control assessment body No. (See list below) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

Avilés	Bremen	Dunkerque/Mardyk	Fos	Gent	Kraków
0086	0879	8510	8510	0120	0120
BSI Assurance UK Ltd	TÜV UK Limited	Afnor UK Ltd	Afnor UK Ltd	SGS UK Ltd	SGS UK Ltd

6b. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: Non applicable

7. Declared performance

Essential characteristic	Performance				Technical specification
	Thickness		EN 10051/EN 10363		
Tolerances on dimensions and shape	Thickness		EN 10051/EN 10363		EN 10025-1: 2004
	Flatness on cut to length plate		EN 10051/EN 10363		
Yield Strength	Nominal thickness (mm)		Values		
	>	≤	R _{eh} min (MPa)		
		16	355		
	16	30	345		
Tensile Strength	Nominal thickness (mm)		Values		
	>	≤	R _m min (MPa)	max (MPa)	
		3	510	680	
	3	30	470	630	
Elongation	Nominal thickness (mm)		Values		
	>	≤	min (%)	Samples	
		2	14	A80 (%)	
	2	2.5	15	A80 (%)	
	2.5	3	16	A80 (%)	
Impact Strength	Nominal thickness (mm)		Values		
	>	≤	KV2Lmin (J)		
		30	27 at 0°C		
	30	100			
Weldability CEV	Nominal thickness (mm)		Values		
	>	≤	%		
		30	≤ 0.45		
Durability	Nominal thickness (mm)		Values		
	>	≤	%		
		40	C : ≤ 0.20 Si : ≤ 0.55 Mn : ≤ 1.60 P : ≤ 0.030 S : ≤ 0.030	Cu : ≤ 0.55 N : ≤ 0.012	
	40	100	C : ≤ 0.22 Si : ≤ 0.55 Mn : ≤ 1.60 P : ≤ 0.030 S : ≤ 0.030	Cu : ≤ 0.55 N : ≤ 0.012	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Non applicable

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 Exit) 2019 No 465, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Bart Staelens
Head of Segment & Product Sales Steering Flat Europe
Shirley - Sulihull, 2023-06-01

Laurent Plasman
Head of Operational Marketing
Shirley - Sulihull, 2023-06-01


