

DECLARATION OF PERFORMANCE
No.HR00017|CPR2013-07-01|GA|V007

1. Unique identification code of the product-type:

1.0577

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):

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Fax: +40372812101
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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 harmonised standard:

EN 10025-1: 2004

Notified factory production control certification body No. 1035 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.

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				Harmonised technical specification
Tolerances on dimensions and shape	Thickness		EN 10051		EN 10025-1: 2004
	Flatness on cut to length plate		EN 10051		
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 (%)	
	3	30	20	A 5.65√So (%)	
Impact Strength	Nominal thickness (mm)		Values		
	>	≤	KV2Lmin (J)		
		30	27 at -40°C		
Weldability CEV	Nominal thickness (mm)		Values		
	>	≤	%		
		30	≤ 0.45		
	30	100	≤ 0.47		
Durability	Nominal thickness (mm)		Values		
	>	≤	%		
		40	C : ≤ 0.20 Si : ≤ 0.55 Mn : ≤ 1.60 P : ≤ 0.025 S : ≤ 0.025	Cu : ≤ 0.55	
	40	100	C : ≤ 0.22 Si : ≤ 0.55 Mn : ≤ 1.60 P : ≤ 0.025 S : ≤ 0.025	Cu : ≤ 0.55	

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) No 305/2011, under the sole responsibility of the manufacturer identified above.
Signed for and on behalf of the manufacturer by:

B.Grecu
Galati, 2019-08-28

