



n.v. **VAN HEYGHEN STAAL**

*Priority for quality !*

WESTBEKESLUIS 4 - I.Z. DURMAKKER  
9940 Evergem - Belgium



**Declaration of Performance**

1. Unique identification code of the product-type :

1.0038

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4) :

Sheets S235JR according to EN 10025-2:2004

3. 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

4. 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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Westbekesluis 4  
B-9940 Evergem  
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Fax: 0032/ 9 253 24 25  
e-mail: [info@vanheyghenstaal.be](mailto:info@vanheyghenstaal.be)

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

6. In case of the declaration of performance concerning a construction product covered by a harmonised standard :

EN 10025-1 : 2004

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

8. 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 <sub>eH min</sub> (MPa)		
		16	235		
	16	30	235		
Tensile Strength	Nominal Thickness (mm)		Values		
	>	≤	R <sub>m min</sub> (MPa)	max(MPa)	
		30	360	470	
Elongation	Nominal Thickness(mm)		Values		
	>	≤	Min (%)	Samples	
		2	17	A80(%)	
	2	2,5	18	A80(%)	
	2,5	3	19	A80(%)	
	3	30	24	A5,65√So(%)	
Impact Strength	Nominal Thickness(mm)		Values		
	>	≤	KV2Lmin(J)		
		30	27 at 20°C		
Weldability CEV	Nominal Thickness(mm)		Values		
	>	≤	%		
		40	≤ 0,35		
	40	100	≤ 0,38		
Durability	Nominal Thickness(mm)		Values		
	>	≤	%		
		40	C : ≤ 0,17 Mn : ≤ 1,40 P : ≤ 0,045 S : ≤ 0,045	Cu : ≤ 0,55 N : ≤ 0,012	
	40	100	C : ≤ 0,20 Mn : ≤ 1,40 P : ≤ 0,045 S : ≤ 0,055	Cu : ≤ 0,55 N : ≤ 0,012	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.  
Signed for and on behalf of the manufacturer by :

Kurt Lambrecht  
General Manager  
Evergem, 20/06/2014

