

## Declaration of Performance

(According to EU CPR 305/2011, Annex III)

**DoP No. 100-CPR-01/07/2013**

- 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 under Article 11(4): S235JR +N/+AR - EN10025-2:2004**

**Product type :** Hot rolled steel plates as in our certificates in attached

**3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: welded, bolted and riveted structures**

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

**NLMK VERONA S.p.a**

22, Salieri St.

37050 Vallese di Oppeano (Verona), Italy

Tel. +39 045 6997900

Fax +39 045 6997915

**5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**

**NLMK VERONA S.p.a**

22, Salieri St.

37050 Vallese di Oppeano (Verona), Italy

Tel. +39 045 6997900

Fax +39 045 6997915

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

**7. Notified Body:** Nr.0036

**Approval certificate 0036-CPR-M-18-2008**

**TÜV SÜD Industrie Service GmbH**

TÜV SÜD Industrie Service GmbH, Abteilung Werkstoff- und Schweißtechnik

Westendstrasse 199, 80686 München

## 8. Declared of performance:

Essential characteristic	Performance				Harmonised technical specification
Tolerances on dimensions and shape	Thickness		EN 10029 Class A - B - C - D		EN 10025-1:2004 EN 10025-2:2004
	Flatness		EN 10029 Class N - S		
Yield strenght	Nominal thickness (mm)		Values		
	>	<=	Min. (N/mm <sup>2</sup> )	Max. (N/mm <sup>2</sup> )	
	-	16	235	-	
	16	40	225		
	40	63	215		
	63	80	215		
	80	100	215		
	100	150	195		
	150	200	185		
200	230	175			
Tensile strenght	Nominal thickness (mm)		Values		
	>	<=	Min. (N/mm <sup>2</sup> )	Max. (N/mm <sup>2</sup> )	
	-	100	360	510	
	100	150	350	500	
	150	230	340	490	
Elongation	Nominal thickness (mm)		Values		
	>	<=	Min. (%)	-	
	-	40	24		
	40	63	23		
	63	100	22		
	100	150	22		
150	230	21			
Impact strenght	Nominal thickness (mm)		Values		
	>	<=	Min. (J)	-	
	-	150	27 at +20°C		
	150	230			
Weldability CEW	Nominal thickness (mm)		Values		
	>	<=	Max (%)		
	-	30	0,35		
	30	40	0,35		
	40	150	0,38		
	150	230	0,40		
Durability	Nominal thickness (mm)		Values		
	>	<=	Max (%)		
	16	40	C : 0,17      S : 0,035 Mn : 1,40      Cu : 0,55 P : 0,035      N 0,012		
	40	230	C : 0,20      S : 0,035 Mn : 1,40      Cu : 0,55 P : 0,035      N 0,012		

The performance of the product is in conformity with the declared performance in this document. This declaration of performance is issued under the sole responsibility of the manufacturer mentioned above.

Verona, 01.07.2013

**A. Ermolaev**  
Quality Manager