

## Declaration of performance

(according to regulation EU N°305/2011)

1) strip **S355J2** according EN 10025-2:2004

**to be used in metallic structures**

2)

NLMK La Louvière S.A.  
2 rue des rivaux  
B7100 La Louvière Belgique  
Tel : +32(0)64 27.27.11 fax: +32(0) 27.28.48  
website: www.eu.nlmk.com

CE marking notify body  
OCAB/OCBS 1148  
Boulevard de la plaine, 5 B 1050 Bruxelles  
website: WWW,ocab-ocbs.com

system of assessment and verification of constancy of performance of the product according annex V:

Notified factory production control certification body N° 1148 performed :  
-the initial inspection of the manufacturing plant and of factory production control  
-the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control

| Essential characteristic           | performance                             | Harmonised technical specification                          |
|------------------------------------|-----------------------------------------|-------------------------------------------------------------|
| tolerances on dimensions and shape | dimension EN 10051<br>flatness EN 10051 | EN 10025-1 :2004                                            |
| Yield strength                     | Nominal thickness (mm)                  | values Min ( Mpa)                                           |
|                                    | >= <=                                   |                                                             |
|                                    | 1,5 12,7                                | 355                                                         |
| Tensile strength                   | Nominal thickness (mm)                  | values ( Mpa)                                               |
|                                    | >= <=                                   | Min Max                                                     |
|                                    | 1,5 2,99                                | 510 680                                                     |
|                                    | 3 12,7                                  | 470 630                                                     |
| elongation                         | Nominal thickness (mm)                  | values Min ( Mpa)                                           |
|                                    | > <=                                    | min ( %) sample                                             |
|                                    | 1,5 2                                   | 14 A80                                                      |
|                                    | 2 2,5                                   | 15 A80                                                      |
|                                    | 2,5 2,99                                | 16 A80                                                      |
|                                    | 3 12,7                                  | 20 A50                                                      |
| Impact strength                    | Nominal thickness (mm)                  | values Joules                                               |
|                                    | 1,5 - 12,7 mm                           | 27 J at - 20°C                                              |
| Weldability CEV                    | Nominal thickness (mm)                  | values %                                                    |
|                                    |                                         | max 0,45                                                    |
| Durability                         | Nominal thickness (mm)                  | values max %                                                |
|                                    | 1,5 - 12,7 mm                           | C 0,2<br>Si 0,55<br>Mn 1,6<br>P 0,025<br>S 0,025<br>Cu 0,55 |

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2.  
signed for and on behalf the manufacturer by :

P Lesenfants  
Quality & metallurgy dpt

16th November 2015

