Declaration of Performance

Nr. AAD001

1. Unique identification of the product type	Semi-finished products of aluminium alloys supplied as: Sheet: Nominal thickness : 0.5 <= t <= 6.3 mm Organic coating : none Alloy and temper : see annex 1 Coil: Nominal thickness : 0.2 <= t <= 6.3 mm Organic coating : none Alloy and temper : see annex 1
2. Construction product identification	Label (according to ODETTE standard) with unique identification through order number of the manufacturer and customer.
3. Intended use	Structural products of aluminium alloys for construction works
4. Name and contact address of the manufacturer	Aleris Aluminum Duffel bvba A. Stocletlaan 87 2570 Duffel Belgium
5. Name and contact address of the authorized representative	None
6. System of assessment and verification of the constancy of performance of the construction product	2+
7. Activity of the Notified Body as required by the harmonized standard	The Notified Certification Body TÜV Rheinland LGA Bautechnik GmbH (identification nr 0780) has performed the intial inspection of the manufacturing installation and the factory production control following system 2+ and will perform the permanent surveillance, assessment and evaluation of the production control. Based on this a certificate of conformity of the factory production control has been issued. This certificate is available on the website http://www.aleris.com/locations/europe/duffel

8. European Technical Assessment	Not applicable	
9. Declared performance		
Essential characteristics	**Performance**	**Harmonised technical specification**
Tolerances on dimension and shape	Pass	EN 15088: 2005 §4.3.2 Table 1
Elongation	Pass	EN 15088: 2005 §4.3.2 Table 1
Ultimate tensile strength	Pass	EN 15088: 2005 §4.3.2 Table 1
Tensile yield strength	Pass	EN 15088: 2005 §4.3.2 Table 1
Weldability	NPD	EN 15088: 2005 §4.3.3
Bendability	NPD	EN 15088: 2005 §4.3.2.2.3
Fatigue strength	NPD	EN 15088: 2005 §4.3.2.2.2
Dangerous (regulated) substances	Content EN 573-3	EN 15088: 2005 §4.3.4
Durability (against corrosion) General	Alloys 3xxx : Class A	EN 15088: 2005 §4.3.5
	Alloys 5xxx : Class A[1]	
	Alloys 6xxx: Class B	
Durability (against corrosion) Organic coating of coated sheets and strips	Not applicable	EN 15088: 2005 §4.3.5
Durability (against corrosion) Organic coating of coated sheets and strips to be bent	Not applicable	EN 15088: 2005 §4.3.5

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

Dirk Inghels

Quality Assurance & Lab Manager
Duffel, 28/05/14

[1] Products in alloy 5083: if the service conditions include a potential risk for stress corrosion cracking, then stress corrosion tests have to be performed prior to delivery. Test conditions need to be agreed between manufacturer and purchaser.

Annex 1 to Declaration of Performance nr AAD001 : list of alloys and tempers

Alloy	Temper
3003	H18
3103	H14
3103	H16
3103	H24
3103	H26
3103	H28
3004	H14
3004	H16
3004	H18
3004	H24
3004	H26
3004	H34
3004	H36
3005	H14
3005	H16
3005	H18
3005	H24
3005	H26
5005	H111/O
5005	H12
5005	H14
5005	H18
5005	H24
5005	H32
5005	H34
5052	H12
5052	H14
5052	H16
5052	H22
5052	H24
5052	H26
5052	H32
5083	H111/O
5083	H22
5083	H32
5251	H14
5251	H18
5251	H24
5251	H28
5754	H111/O
5754	H14
5754	H24
6061	T4
6061	T6
6082	T4
6082	T6