**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/01-CPR-13-1

1) Code of the product type: **S235JR**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
Fábrica de Bergara
C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | 63 | 80 | | | |
| | 80 | 100 | | | |
| | 100 | 140 | 195 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 360 | 510 | |
| | 100 | 140 | 350 | 500 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 26 | | |
| | 40 | 63 | 25 | | |
| | 63 | 100 | 24 | | |
| | 100 | 140 | 22 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at +20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,35 | | |
| | 30 | 40 | 0,35 | | |
| | 40 | 140 | 0,38 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,17<br>Mn : 1,40<br>P : 0,040 | Cu : 0,55<br>S : 0,040<br>N** : 0,012 | |
| | * For nominal thickness > 40 mm C: 0,20. For nominal thickness >100 mm: C content upon agreement | | | | |
| | ** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/02-CPR-13-1

1) Code of the product type: **S235J0**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | 63 | 80 | | | |
| | 80 | 100 | | | |
| | 100 | 140 | 195 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 360 | 510 | |
| | 100 | 140 | 350 | 500 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 26 | | |
| | 40 | 63 | 25 | | |
| | 63 | 100 | 24 | | |
| | 100 | 140 | 22 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at 0°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,35 | | |
| | 30 | 40 | 0,35 | | |
| | 40 | 140 | 0,38 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,17<br>Mn : 1,40<br>P : 0,035 | Cu : 0,55<br>S : 0,035<br>N** : 0,012 | |
| | * For nominal thickness >100 mm: C content upon agreement. | | | | |
| | ** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/03-CPR-13-1

1) Code of the product type: **S235J2**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
Fábrica de Bergara
C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | 63 | 80 | | | |
| | 80 | 100 | | | |
| | 100 | 140 | 195 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 360 | 510 | |
| | 100 | 140 | 350 | 500 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 26 | | |
| | 40 | 63 | 25 | | |
| | 63 | 100 | 24 | | |
| | 100 | 140 | 22 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,35 | | |
| | 30 | 40 | 0,35 | | |
| | 40 | 140 | 0,38 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,17<br>Mn : 1,40<br>P : 0,030 | Cu : 0,55<br>S : 0,030 | |
| | * For nominal thickness >100 mm: C content upon agreement. | | | | |
| | Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al) | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/04-CPR-13-1

1) Code of the product type: **S275JR**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer
Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 275 | | |
| | 16 | 40 | 265 | | |
| | 40 | 63 | 255 | | |
| | 63 | 80 | 245 | | |
| | 80 | 100 | 235 | | |
| | 100 | 140 | 225 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 410 | 560 | |
| | 100 | 140 | 400 | 540 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 23 | | |
| | 40 | 63 | 22 | | |
| | 63 | 100 | 21 | | |
| | 100 | 140 | 19 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at +20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,40 | | |
| | 30 | 40 | 0,40 | | |
| | 40 | 140 | 0,42 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,21<br>Mn : 1,50<br>P : 0,040 | Cu : 0,55<br>S : 0,040<br>N** : 0,012 | |
| | * For nominal thickness > 40 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement | | | | |
| | ** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/05-CPR-13-1

1) Code of the product type: **S275J0**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
Fábrica de Bergara
C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer
Service Manager

Date : 03.05.2017

| **Essential characteristic** | | | **Performance** | | **Harmonised technical specification** |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 275 | | |
| | 16 | 40 | 265 | | |
| | 40 | 63 | 255 | | |
| | 63 | 80 | 245 | | |
| | 80 | 100 | 235 | | |
| | 100 | 140 | 225 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 410 | 560 | |
| | 100 | 140 | 400 | 540 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 23 | | |
| | 40 | 63 | 22 | | |
| | 63 | 100 | 21 | | |
| | 100 | 140 | 19 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at 0°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,40 | | |
| | 30 | 40 | 0,40 | | |
| | 40 | 140 | 0,42 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,18<br>Mn : 1,50<br>P : 0,035 | Cu : 0,55<br>S : 0,035<br>N** : 0,012 | |
| | * For nominal thickness >100 mm: C content upon agreement. | | | | |
| | ** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/06-CPR-13-1

1) Code of the product type: **S275J2**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
Fábrica de Bergara
C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 275 | | |
| | 16 | 40 | 265 | | |
| | 40 | 63 | 255 | | |
| | 63 | 80 | 245 | | |
| | 80 | 100 | 235 | | |
| | 100 | 140 | 225 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 410 | 560 | |
| | 100 | 140 | 400 | 540 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 23 | | |
| | 40 | 63 | 22 | | |
| | 63 | 100 | 21 | | |
| | 100 | 140 | 19 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,40 | | |
| | 30 | 40 | 0,40 | | |
| | 40 | 140 | 0,42 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,18<br>Mn : 1,50<br>P : 0,030 | Cu : 0,55<br>S : 0,030 | |
| | * For nominal thickness >100 mm: C content upon agreement. | | | | |
| | Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al) | | | | |

ArcelorMittal

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/07-CPR-13-1

1) Code of the product type: **S355JR**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
Fábrica de Bergara
C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| **Essential characteristic** | | | **Performance** | | **Harmonised technical specification** |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 355 | | |
| | 16 | 40 | 345 | | |
| | 40 | 63 | 335 | | |
| | 63 | 80 | 325 | | |
| | 80 | 100 | 315 | | |
| | 100 | 140 | 295 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 470 | 630 | |
| | 100 | 140 | 450 | 600 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 22 | | |
| | 40 | 63 | 21 | | |
| | 63 | 100 | 20 | | |
| | 100 | 140 | 18 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at +20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,45 | | |
| | 30 | 40 | 0,47 | | |
| | 40 | 140 | 0,47 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,24<br>Si : 0,55<br>Mn : 1,60<br>P : 0,040 | Cu : 0,55<br>S : 0,040<br>N** : 0,012 | |
| | * For nominal thickness >100 mm: C content upon agreement. | | | | |
| | ** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/08-CPR-13-1

1) Code of the product type: **S355J0**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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C/Ibarra,6
20570 – Bergara (Guipúzcoa – España)
T +34 943 76 19 40
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 355 | | |
| | 16 | 40 | 345 | | |
| | 40 | 63 | 335 | | |
| | 63 | 80 | 325 | | |
| | 80 | 100 | 315 | | |
| | 100 | 140 | 295 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 470 | 630 | |
| | 100 | 140 | 450 | 600 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 22 | | |
| | 40 | 63 | 21 | | |
| | 63 | 100 | 20 | | |
| | 100 | 140 | 18 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at 0°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,45 | | |
| | 30 | 40 | 0,47 | | |
| | 40 | 140 | 0,47 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,20<br>Si : 0,55<br>Mn : 1,60<br>P : 0,035 | Cu : 0,55<br>S : 0,035<br>N** : 0,012 | |
| | * For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement | | | | |
| | ** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present | | | | |

ArcelorMittal

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/09-CPR-13-1

1) Code of the product type: **S355J2**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| **Essential characteristic** | | | **Performance** | | **Harmonised technical specification** |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 355 | | |
| | 16 | 40 | 345 | | |
| | 40 | 63 | 335 | | |
| | 63 | 80 | 325 | | |
| | 80 | 100 | 315 | | |
| | 100 | 140 | 295 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 470 | 630 | |
| | 100 | 140 | 450 | 600 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 22 | | |
| | 40 | 63 | 21 | | |
| | 63 | 100 | 20 | | |
| | 100 | 140 | 18 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,45 | | |
| | 30 | 40 | 0,47 | | |
| | 40 | 140 | 0,47 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,20<br>Si : 0,55<br>Mn : 1,60 | Cu : 0,55<br>S : 0,030<br>P : 0,030 | |
| | * For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement | | | | |
| | Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al) | | | | |

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/10-CPR-13-1

1) Code of the product type: **S355K2**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 355 | | |
| | 16 | 40 | 345 | | |
| | 40 | 63 | 335 | | |
| | 63 | 80 | 325 | | |
| | 80 | 100 | 315 | | |
| | 100 | 140 | 295 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 470 | 630 | |
| | 100 | 140 | 450 | 600 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 22 | | |
| | 40 | 63 | 21 | | |
| | 63 | 100 | 20 | | |
| | 100 | 140 | 18 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 40 at -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,45 | | |
| | 30 | 40 | 0,47 | | |
| | 40 | 140 | 0,47 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C* : 0,20<br>Si : 0,55<br>Mn : 1,60 | Cu : 0,55<br>S : 0,030<br>P : 0,030 | |
| | * For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement | | | | |
| | Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al) | | | | |

ArcelorMittal

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-2/11-CPR-13-1

1) Code of the product type: **S450J0**

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer
Service Manager

Date : 03.05.2017

| **Essential characteristic** | | | **Performance** | | **Harmonised technical specification** |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 450 | | |
| | 16 | 40 | 430 | | |
| | 40 | 63 | 410 | | |
| | 63 | 80 | 390 | | |
| | 80 | 100 | 380 | | |
| | 100 | 140 | 380 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 100 | 550 | 720 | |
| | 100 | 140 | 530 | 700 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 17 | | |
| | 40 | 63 | | | |
| | 63 | 100 | | | |
| | 100 | 140 | | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 27 at 0°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 30 | 0,47 | | |
| | 30 | 40 | 0,49 | | |
| | 40 | 140 | 0,49 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 140 | C : 0,20<br>Si : 0,55<br>Mn : 1,70<br>P : 0,035 | Cu : 0,55<br>S : 0,035<br>N : 0,025 | |
| | | | | | |
| | | | | | |
| | | | | | |

ArcelorMittal

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-4/05-CPR-13-1

1) Code of the product type: **S420M**

According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer
Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 420 | | |
| | 16 | 40 | 400 | | |
| | 40 | 63 | 390 | | |
| | 63 | 80 | 380 | | |
| | 80 | 100 | 370 | | |
| | 100 | 140 | 365 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | | 40 | 520 | 680 | |
| | 40 | 63 | 500 | 660 | |
| | 63 | 80 | 480 | 640 | |
| | 80 | 100 | 470 | 630 | |
| | 100 | 140 | 460 | 620 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | | 140 | 19 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 40 at -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 16 | 0,43 | | |
| | 16 | 40 | 0,45 | | |
| | 40 | 63 | 0,46 | | |
| | 63 | 140 | 0,47 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,18 Ti : 0,05<br>Mn : 1,70 Cr : 0,30<br>Si : 0,50 Mo : 0,20<br>P : 0,035 Ni : 0,80<br>S : 0,030 Cu : 0,55<br>Nb : 0,05 N : 0,025<br>V : 0,12 | |
| | | | Al* : 0,02 | | |
| | * If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply | | | | |

ArcelorMittal

**Declaration of Performance**
(according to Regulation EU No 305/2011)

No. AMBE-4/07-CPR-13-1

1) Code of the product type: **S460M**

According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Gipuzkoa, S.L.U.
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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table.

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

Jose María Galindo
Quality and Technical Customer Service Manager

Date : 03.05.2017

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | Angles | | EN10056-2 | | EN 10025-1:2004 |
| | I and H sections | | EN 10034 | | |
| | Tapered Flange I | | EN 10024 | | |
| | UPE, UPN | | EN 10279 | | |
| | | | | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 460 | | |
| | 16 | 40 | 440 | | |
| | 40 | 63 | 430 | | |
| | 63 | 80 | 410 | | |
| | 80 | 100 | 400 | | |
| | 100 | 140 | 385 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | | 40 | 540 | 720 | |
| | 40 | 63 | 530 | 710 | |
| | 63 | 80 | 510 | 690 | |
| | 80 | 100 | 500 | 680 | |
| | 100 | 140 | 490 | 660 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | | 140 | 17 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 140 | 40 at -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 16 | 0,45 | | |
| | 16 | 40 | 0,46 | | |
| | 40 | 63 | 0,47 | | |
| | 63 | 140 | 0,48 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,18 Ti : 0,05<br>Mn : 1,70 Cr : 0,30<br>Si : 0,60 Mo : 0,20<br>P : 0,035 Ni : 0,80<br>S : 0,030 Cu : 0,55<br>Nb : 0,05 N : 0,025<br>V : 0,12 | |
| | | | Al* : 0,02 | | |
| | * If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply | | | | |

Declaration of Performance
(according to regulation EU No 305/2011)

No AMBE-5/01-CPR-13-1

1) Code of the product type: **S355J0W**

According EN 10025-5

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

2) ArcelorMittal Gipuzkoa, S.L.U.
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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Jose María Galindo

Quality and Technical Customer Service Manager

Date: 28.02.2020

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | L | | EN 10056-2 | | EN 10025-1:2004 |
| | I / H | | EN 10034 | | |
| | IPN | | EN 10024 | | |
| | U | | EN 10279 | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 355 | | |
| | 16 | 40 | 345 | | |
| | 40 | 63 | 335 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 40 | 470 | 630 | |
| | 40 | 63 | 470 | 630 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 22 | | |
| | 40 | 63 | 21 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 63 | 27 / 0°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 16 | 0,52 | | |
| | 16 | 63 | 0,52 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | max | |
| | | 63 | Mn : 0,50<br>Cu : 0,25<br>Cr : 0,40 | C : 0,16 Cr : 0,80<br>Si : 0,50<br>P : 0,040<br>S : 0,040<br>N : 0,012<br>Mn : 1,50<br>Cu : 0,55 | |

Declaration of Performance
(according to regulation EU No 305/2011)

No AMBE-5/02-CPR-13-1

1) Code of the product type: **S355J2W**
According EN 10025-5

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

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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0099 AENOR 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.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Jose María Galindo

Quality and Technical Customer Service Manager

Date: 28.02.2020

| Essential characteristic | | | Performance | | Harmonised technical specification |
|---|---|---|---|---|---|
| **Tolerances on dimensions and shape** | L | | EN 10056-2 | | EN 10025-1:2004 |
| | I / H | | EN 10034 | | |
| | IPN | | EN 10024 | | |
| | U | | EN 10279 | | |
| **Yield strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | | |
| | | 16 | 355 | | |
| | 16 | 40 | 345 | | |
| | 40 | 63 | 335 | | |
| **Tensile strength** | **Nominal thickness (mm)** | | **Values (MPa)** | | |
| | > | ≤ | min | max | |
| | =3 | 40 | 470 | 630 | |
| | 40 | 63 | 470 | 630 | |
| **Elongation** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | | |
| | =3 | 40 | 22 | | |
| | 40 | 63 | 21 | | |
| **Impact strength** | **Nominal thickness (mm)** | | **Values (J)** | | |
| | > | ≤ | min | | |
| | | 63 | 27 / -20°C | | |
| **Weldability** | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | max | | |
| | | 16 | 0,52 | | |
| | 16 | 63 | 0,52 | | |
| **Durability** (Chemical composition) | **Nominal thickness (mm)** | | **Values (%)** | | |
| | > | ≤ | min | max | |
| | | 63 | Mn : 0,50<br>Cu : 0,25<br>Cr : 0,40 | C : 0,16<br>Si : 0,50<br>P : 0,035<br>S : 0,035<br>Mn : 1,50<br>Cu : 0,55<br>Cr : 0,80 | |