



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

No AMDG-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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | 63 | 80 | 215 | | |
| | 80 | 100 | 215 | | |
| | 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 / 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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,17-0,20 Mn : 1,40 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012 | |



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

No AMDG-2/02-CPR-13-1
1) Code of the product type: **S235J0**
According to 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 Poland S.A.
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41-308 Dąbrowa Górnicza - Poland
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System of assessment and verification of constancy of performance of the product:
System 2+

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Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | 63 | 80 | 215 | | |
| | 80 | 100 | 215 | | |
| | 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 / 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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,17 Mn : 1,40 P : 0,035 Cu : 0,55 S : 0,035 N : 0,012 | |



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

No AMDG-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 Poland S.A.
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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. 1436 ZETOM 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.

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Manager of Quality
Management – Longs

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 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | 63 | 80 | 215 | | |
| | 80 | 100 | 215 | | |
| | 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 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / -20°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 30 | 0,35 | | |
| | 30 | 40 | 0,35 | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,17 Mn : 1,40 P : 0,030 Cu : 0,55 S : 0,030 | |



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

No AMDG-2/04-CPR-13-1
1) Code of the product type: **S275JR**
According to 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 Poland S.A.
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 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 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / 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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,21-0,22 Mn : 1,50 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012 | |



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

No AMDG-2/05-CPR-13-1
1) Code of the product type: **S275J0**
According to 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 Poland S.A.
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System of assessment and verification of constancy of performance of the product:
System 2+

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Manager of Quality
Management – Longs

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 | 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 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / 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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,18 Mn : 1,50 P : 0,035 Cu : 0,55 S : 0,035 N : 0,012 | |



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

No AMDG-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 Poland S.A.
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System of assessment and verification of constancy of performance of the product:
System 2+

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Manager of Quality
Management – Longs

Date: 28.02.2020

| Essential characteristic | | Performance | | Harmonised technical specification |
|--------------------------------------|------------------------|-------------|--------------|--|
| Tolerances on dimensions and shape | L | | EN 10056-2 | |
| | I / H | | EN 10034 | |
| | IPN | | EN 10024 | |
| | U | | 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 | |
| Impact strength | Nominal thickness (mm) | | Values (J) | |
| | > | ≤ | min | |
| | | 140 | 27 / -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 (%) | |
| | > | ≤ | min | max |
| | | 140 | | C : 0,18 Mn : 1,50 P : 0,030 Cu : 0,55 S : 0,030 |

EN 10025-1:2004

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

No AMDG-2/07-CPR-13-1
1) Code of the product type: **S355JR**
According to 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 Poland S.A.
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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. 1436 ZETOM 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.

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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 | | |
| | 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 / 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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,24 Si : 0,55 Mn : 1,60 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012 | |



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

No AMDG-2/08-CPR-13-1
1) Code of the product type: **S355J0**
According to 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 Poland S.A.
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System of assessment and verification of constancy of performance of the product:
System 2+

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Tomasz Szafranski
Manager of Quality
Management – Longs

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 | | |
| | 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 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / 0°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 30 | 0,45 | | |
| | 30 | 40 | 0,47 | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,60 P : 0,035 Cu : 0,55 S : 0,035 N : 0,012 | |



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

No AMDG-2/09-CPR-13-1
1) Code of the product type: **S355J2**
According to 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

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System 2+

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Manager of Quality
Management – Longs

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 | | |
| | 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 / -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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,60 Cu : 0,55 S : 0,030 P : 0,030 | |



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

No AMDG-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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | | |
| | 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 / -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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,60 Cu : 0,55 S : 0,030 P : 0,030 | |



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

Nr AMDG-2/11-CPR-15-1

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 Poland S.A.**
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1436 Zakład Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o. 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 points 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:

Wojciech Michalczyk
Quality Management Manager
Longs

Date : 18.12.2015

| 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 | 17 | | |
| | 63 | 100 | 17 | | |
| | 100 | 140 | 17 | | |
| 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*: 0,23 Si: 0,60 Mn : 1,80 P: 0,045 | Cu: 0,60 S: 0,045 N**: 0,027 Inne*** | |
| * For nominal thickness > 30 mm C: 0,24. 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 0,015% or if sufficient other N binding elements are present | | | | | |
| *** steel can use content: max Nb 0,06%, max. content V 0,15% and max content Ti 0,06% | | | | | |



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

No AMDG-2/12-CPR-20-1
1) Code of the product type: **S460JR**
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

Date: 28.02.2020

| Essential characteristic | | Performance | | Harmonised technical specification | |
|--------------------------------------|------------------------|-------------|--------------|---|-----------------|
| Tolerances on dimensions and shape | L | EN 10056-2 | | | EN 10025-1:2004 |
| | l / H | EN 10034 | | | |
| | IPN | EN 10024 | | | |
| | U | EN 10279 | | | |
| | | | | | |
| Yield strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | | |
| | | 16 | 460 | | |
| | 16 | 40 | 440 | | |
| | 40 | 63 | 420 | | |
| | 63 | 80 | 400 | | |
| | 80 | 100 | 390 | | |
| | 100 | 140 | 390 | | |
| 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 | 17 | | |
| | 63 | 100 | 17 | | |
| | 100 | 140 | 17 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / 20°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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025 | |



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

No AMDG-2/13-CPR-20-1
1) Code of the product type: **S460J0**
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 Poland S.A.
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41-308 Dąbrowa Górnicza - Poland
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

Date: 28.02.2020

| Essential characteristic | | Performance | | Harmonised technical specification | |
|--------------------------------------|------------------------|-------------|--------------|---|-----------------|
| Tolerances on dimensions and shape | L | EN 10056-2 | | | EN 10025-1:2004 |
| | l / H | EN 10034 | | | |
| | IPN | EN 10024 | | | |
| | U | EN 10279 | | | |
| | | | | | |
| Yield strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | | |
| | | 16 | 460 | | |
| | 16 | 40 | 440 | | |
| | 40 | 63 | 420 | | |
| | 63 | 80 | 400 | | |
| | 80 | 100 | 390 | | |
| | 100 | 140 | 390 | | |
| 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 | 17 | | |
| | 63 | 100 | 17 | | |
| | 100 | 140 | 17 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / 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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025 | |



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

No AMDG-2/14-CPR-20-1
1) Code of the product type: **S460J2**
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
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Fax: +48 32 776 82 00
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 460 | | |
| | 16 | 40 | 440 | | |
| | 40 | 63 | 420 | | |
| | 63 | 80 | 400 | | |
| | 80 | 100 | 390 | | |
| | 100 | 140 | 390 | | |
| 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 | 17 | | |
| | 63 | 100 | 17 | | |
| | 100 | 140 | 17 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / -20°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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025 | |



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

No AMDG-2/15-CPR-20-1
1) Code of the product type: **S460K2**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 460 | | |
| | 16 | 40 | 440 | | |
| | 40 | 63 | 420 | | |
| | 63 | 80 | 400 | | |
| | 80 | 100 | 390 | | |
| | 100 | 140 | 390 | | |
| 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 | 17 | | |
| | 63 | 100 | 17 | | |
| | 100 | 140 | 17 | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 40 / -20°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 (%) | | |
| | > | ≤ | min | max | |
| | | 140 | | C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025 | |

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

No AMDG-4/01-CPR-13-1
1) Code of the product type: **S275M**
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs



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 | 275 | | |
| | 16 | 40 | 265 | | |
| | 40 | 63 | 255 | | |
| | 63 | 80 | 245 | | |
| | 80 | 100 | 245 | | |
| 100 | 140 | 240 | | | |
| Tensile strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | max | |
| | | 40 | 370 | 530 | |
| | 40 | 63 | 360 | 520 | |
| | 63 | 80 | 350 | 510 | |
| | 80 | 100 | 350 | 510 | |
| | 100 | 140 | 350 | 510 | |
| Elongation | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | | |
| | | 140 | 24 | | |
| | | | | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 40 / -20°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,34 | | |
| | 16 | 40 | 0,34 | | |
| | 40 | 63 | 0,35 | | |
| 63 | 140 | 0,38 | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | Al : 0,02 | C : 0,15 Ti : 0,05 Mn : 1,50 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,030 Ni : 0,30 S : 0,030 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,08 | |



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

No AMDG-4/02-CPR-13-1
1) Code of the product type: **S275ML**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 275 | | |
| | 16 | 40 | 265 | | |
| | 40 | 63 | 255 | | |
| | 63 | 80 | 245 | | |
| | 80 | 100 | 245 | | |
| | 100 | 140 | 240 | | |
| Tensile strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | max | |
| | | 40 | 370 | 530 | |
| | 40 | 63 | 360 | 520 | |
| | 63 | 80 | 350 | 510 | |
| | 80 | 100 | 350 | 510 | |
| | 100 | 140 | 350 | 510 | |
| | Elongation | Nominal thickness (mm) | | Values (%) | |
| > | | ≤ | min | | |
| | | 140 | 24 | | |
| | | | | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 27 / -50°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,34 | | |
| | 16 | 40 | 0,34 | | |
| | 40 | 63 | 0,35 | | |
| 63 | 140 | 0,38 | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | Al : 0,02 | C : 0,15 Ti : 0,05 Mn : 1,50 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,030 Ni : 0,30 S : 0,025 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,08 | |



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

No AMDG-4/03-CPR-13-1
1) Code of the product type: **S355M**
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
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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. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | | |
| | 63 | 80 | 325 | | |
| | 80 | 100 | 325 | | |
| 100 | 140 | 320 | | | |
| Tensile strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | max | |
| | | 40 | 470 | 630 | |
| | 40 | 63 | 450 | 610 | |
| | 63 | 80 | 440 | 600 | |
| | 80 | 100 | 440 | 600 | |
| | 100 | 140 | 430 | 590 | |
| Elongation | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | | |
| | | 140 | 22 | | |
| | | | | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 140 | 40 / -20°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,39 | | |
| | 16 | 40 | 0,39 | | |
| | 40 | 63 | 0,40 | | |
| 63 | 140 | 0,45 | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | Al : 0,02 | C : 0,16 Ti : 0,05 Mn : 1,60 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,030 Ni : 0,50 S : 0,030 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,10 | |



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

No AMDG-4/04-CPR-13-1
1) Code of the product type: **S355ML**
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | | |
| | 63 | 80 | 325 | | |
| | 80 | 100 | 325 | | |
| 100 | 125 | 320 | | | |
| Tensile strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | max | |
| | | 40 | 470 | 630 | |
| | 40 | 63 | 450 | 610 | |
| | 63 | 80 | 440 | 600 | |
| | 80 | 100 | 440 | 600 | |
| | 100 | 125 | 430 | 590 | |
| Elongation | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | | |
| | | 125 | 22 | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 125 | 27 / -50°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,39 | | |
| | 16 | 40 | 0,39 | | |
| | 40 | 63 | 0,40 | | |
| 63 | 125 | 0,45 | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 125 | Al : 0,02 | C : 0,16 Ti : 0,05 Mn : 1,60 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,030 Ni : 0,50 S : 0,025 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,10 | |



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

No AMDG-4/05-CPR-15-1
1) Code of the product type: **S420M**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 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 / -20°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,43 | | |
| | 16 | 40 | 0,45 | | |
| | 40 | 63 | 0,46 | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | Al : 0,02 | C : 0,18 Ti : 0,05 | |
| | | | | Mn : 1,70 Cr : 0,30 | |
| | | | | Si : 0,50 Mo : 0,20 | |
| | | | P : 0,035 Ni : 0,80 | | |
| | | | S : 0,030 Cu : 0,55 | | |
| | | | Nb : 0,05 N : 0,025 | | |
| | | | V : 0,12 | | |



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

No AMDG-4/06-CPR-15-1
1) Code of the product type: **S420ML**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 420 | | |
| | 16 | 40 | 400 | | |
| | 40 | 63 | 390 | | |
| | 63 | 80 | 380 | | |
| | 80 | 100 | 370 | | |
| | 100 | 125 | 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 | 125 | 460 | 620 | |
| | Elongation | Nominal thickness (mm) | | Values (%) | |
| > | | ≤ | min | | |
| | | 125 | 19 | | |
| | | | | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 125 | 27 / -50°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,43 | | |
| | 16 | 40 | 0,45 | | |
| | 40 | 63 | 0,46 | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 125 | Al : 0,02 | C : 0,18 Ti : 0,05 | |
| | | | | Mn : 1,70 Cr : 0,30 | |
| | | | | Si : 0,60 Mo : 0,20 | |
| | | | P : 0,030 Ni : 0,80 | | |
| | | | S : 0,025 Cu : 0,55 | | |
| | | | Nb : 0,05 N : 0,025 | | |
| | | | V : 0,12 | | |



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

No AMDG-4/07-CPR-15-1
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 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 / -20°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,45 | | |
| | 16 | 40 | 0,46 | | |
| | 40 | 63 | 0,47 | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 140 | Al : 0,02 | C : 0,18 Ti : 0,05 | |
| | | | | Mn : 1,70 Cr : 0,30 | |
| | | | | Si : 0,60 Mo : 0,20 | |
| | | | P : 0,035 Ni : 0,80 | | |
| | | | S : 0,030 Cu : 0,55 | | |
| | | | Nb : 0,05 N : 0,025 | | |
| | | | V : 0,12 | | |



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

No AMDG-4/08-CPR-15-1
1) Code of the product type: **S460ML**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 460 | | |
| | 16 | 40 | 440 | | |
| | 40 | 63 | 430 | | |
| | 63 | 80 | 410 | | |
| | 80 | 100 | 400 | | |
| 100 | 125 | 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 | 125 | 490 | 660 | |
| Elongation | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | | |
| | | 125 | 17 | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 125 | 27 / -50°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,45 | | |
| | 16 | 40 | 0,46 | | |
| | 40 | 63 | 0,47 | | |
| 63 | 125 | 0,48 | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 125 | Al : 0,02 | C : 0,18 Ti : 0,05 Mn : 1,70 Cr : 0,30 Si : 0,60 Mo : 0,20 P : 0,030 Ni : 0,80 S : 0,025 Cu : 0,55 Nb : 0,05 N : 0,025 V : 0,12 | |



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

No AMDG-5/01-CPR-15-1
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 Cu : 0,25 Cr : 0,40 | C : 0,16 Cr : 0,80 Si : 0,50 P : 0,040 S : 0,040 N : 0,012 Mn : 1,50 Cu : 0,55 | |



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

No AMDG-5/02-CPR-15-1
1) Code of the product type: **S355J2W**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 Cu : 0,25 Cr : 0,40 | C : 0,16 Si : 0,50 P : 0,035 S : 0,035 Mn : 1,50 Cu : 0,55 Cr : 0,80 | |



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

No AMDG-5/04-CPR-15-1
1) Code of the product type: **S235J0W**
According to 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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | | | | | |
| Tensile strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | max | |
| | ≤3 | 40 | 360 | 510 | |
| | 40 | 63 | 360 | 510 | |
| | | | | | |
| | | | | | |
| Elongation | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | | |
| | ≤3 | 40 | 26 | | |
| | 40 | 63 | 25 | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 63 | 27 / 0°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,44 | | |
| | 16 | 63 | 0,44 | | |
| | | | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 63 | Mn: 0,20 Cu: 0,25 Cr: 0,40 | C : 0,13 P : 0,040 Si : 0,40 Mn: 0,60 Cu:0,55 Cr: 0,80 S : 0,040 N : 0,012 | |



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

No AMDG-5/05-CPR-15-1
1) Code of the product type: **S235J2W**
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 Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
sections.arcelormittal.com

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

Notified factory production control certification body No. 1436 ZETOM 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:

Tomasz Szafranski
Manager of Quality
Management – Longs

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 | 235 | | |
| | 16 | 40 | 225 | | |
| | 40 | 63 | 215 | | |
| | | | | | |
| Tensile strength | Nominal thickness (mm) | | Values (MPa) | | |
| | > | ≤ | min | max | |
| | ≤3 | 40 | 360 | 510 | |
| | 40 | 63 | 360 | 510 | |
| | | | | | |
| | | | | | |
| Elongation | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | | |
| | ≤3 | 40 | 26 | | |
| | 40 | 63 | 25 | | |
| | | | | | |
| Impact strength | Nominal thickness (mm) | | Values (J) | | |
| | > | ≤ | min | | |
| | | 63 | 27 / -20°C | | |
| Weldability | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | max | | |
| | | 16 | 0,44 | | |
| | 16 | 63 | 0,44 | | |
| | | | | | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values (%) | | |
| | > | ≤ | min | max | |
| | | 63 | Mn: 0,20 Cu: 0,25 Cr: 0,40 | C : 0,13 Si : 0,40 Mn: 0,60 Cu:0,55 Cr: 0,80 S : 0,035 P : 0,040 | |