

N° KDWU-01/DG/2020/EN

1. Name and trade name of the construction product: **Hot rolled sheet piling type 'U'**
2. Designation of the construction product: **S240GP**
3. Intended use(s): **for general use, steel structures and engineering works.**
4. Name and address of the manufacturer and place of manufacture of the product:
**ArcelorMittal Poland S.A., Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland
Unit in Dąbrowa Górnicza, Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland.**
5. Name and address of the authorised representative, if any: **not applicable**
6. The national system used to assess and verify constancy of performance: **system 2+**
7. National technical specification:
 - 7a. Polish standard concerning the product: **PN-EN 10248-1:1999 Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions.**
Name of the accredited certification body, accreditation number and certificate number: **Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o.; Accreditation N°: AC 005; Certificate N°: ZKP-005-UWB-005.**
 - 7b. National Technical Assessment: **not applicable**
8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	Declared performance	Remarks
Dimensional & shape tolerances	according to PN-EN 10248-2:1999	
Yield strength	R _{eH} min 240 MPa	
Tensile strength	R _m min 340 MPa	
Elongation	A ₅ min 26%	
Chemical composition (% mass)	% max. – C: 0.20; P: 0.045; S: 0.045; N: 0.009	see ¹⁾ and ²⁾

1) The nitrogen values given may be exceeded, provided that each increase in the N content by 0.001% corresponds to a reduction in the P content by 0.005%; the N content in the heat analysis may not exceed 0.012%.

2) The maximum content for N does not apply if in the total chemical composition, Al_{total} is min. 0.020% or a sufficient amount of other nitrogen-fixing elements.

9. Performance of the product specified above is compliant with all declared performance items listed in point 8.
This national declaration of performance has been issued in accordance with Polish Act of Law dated April 16, 2004 – *Construction Products*, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer, by:

Mr Tomasz Szafranski – Quality Manager – Long products

Dąbrowa Górnicza, 17 February 2020



N° KDWU-02/DG/2020/EN

1. Name and trade name of the construction product: **Hot rolled sheet piling type 'U'**
2. Designation of the construction product: **S270GP**
3. Intended use(s): **for general use, steel structures and engineering works.**
4. Name and address of the manufacturer and place of manufacture of the product:
**ArcelorMittal Poland S.A., Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland
Unit in Dąbrowa Górnicza, Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland.**
5. Name and address of the authorised representative, if any: **not applicable**
6. The national system used to assess and verify constancy of performance: **system 2+**
7. National technical specification:
 - 7a. Polish standard concerning the product: **PN-EN 10248-1:1999 Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions.**
Name of the accredited certification body, accreditation number and certificate number: **Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o.; Accreditation N°: AC 005; Certificate N°: ZKP-005-UWB-005.**
 - 7b. National Technical Assessment: **not applicable**
8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	Declared performance	Remarks
Dimensional & shape tolerances	according to PN-EN 10248-2:1999	
Yield strength	R _{eH} min 270 MPa	
Tensile strength	R _m min 410 MPa	
Elongation	A ₅ min 24%	
Chemical composition (% mass)	% max. – C: 0.24; P: 0.045; S: 0.045; N: 0.009	see ¹⁾ and ²⁾

1) The nitrogen values given may be exceeded, provided that each increase in the N content by 0.001% corresponds to a reduction in the P content by 0.005%; the N content in the heat analysis may not exceed 0.012%.

2) The maximum content for N does not apply if in the total chemical composition, Al_{total} is min. 0.020% or a sufficient amount of other nitrogen-fixing elements.

9. Performance of the product specified above is compliant with all declared performance items listed in point 8.
This national declaration of performance has been issued in accordance with Polish Act of Law dated April 16, 2004 – *Construction Products*, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer, by:

Mr Tomasz Szafranski – Quality Manager – Long products

Dąbrowa Górnicza, 17 February 2020



N° KDWU-03/DG/2020/EN

1. Name and trade name of the construction product: **Hot rolled sheet piling type 'U'**
2. Designation of the construction product: **S320GP**
3. Intended use(s): **for general use, steel structures and engineering works.**
4. Name and address of the manufacturer and place of manufacture of the product:
**ArcelorMittal Poland S.A., Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland
Unit in Dąbrowa Górnicza, Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland.**
5. Name and address of the authorised representative, if any: **not applicable**
6. The national system used to assess and verify constancy of performance: **system 2+**
7. National technical specification:
 - 7a. Polish standard concerning the product: **PN-EN 10248-1:1999 Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions.**
Name of the accredited certification body, accreditation number and certificate number: **Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o.; Accreditation N°: AC 005; Certificate N°: ZKP-005-UWB-005.**
 - 7b. National Technical Assessment: **not applicable**
8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	Declared performance	Remarks
Dimensional & shape tolerances	according to PN-EN 10248-2:1999	
Yield strength	R _{eH} min 320 MPa	
Tensile strength	R _m min 440 MPa	
Elongation	A ₅ min 23%	
Chemical composition (% mass)	% max. – C: 0.24; Mn: 1.60; Si: 0.55; P: 0.045; S: 0.045; N: 0.009	see ¹⁾ and ²⁾

1) The nitrogen values given may be exceeded, provided that each increase in the N content by 0.001% corresponds to a reduction in the P content by 0.005%; the N content in the heat analysis may not exceed 0.012%.

2) The maximum content for N does not apply if in the total chemical composition, Al_{total} is min. 0.020% or a sufficient amount of other nitrogen-fixing elements.

9. Performance of the product specified above is compliant with all declared performance items listed in point 8.
This national declaration of performance has been issued in accordance with Polish Act of Law dated April 16, 2004 – *Construction Products*, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer, by:

Mr Tomasz Szafranski – Quality Manager – Long products

Dąbrowa Górnicza, 17 February 2020



N° KDWU-04/DG/2020/EN

1. Name and trade name of the construction product: **Hot rolled sheet piling type 'U'**
2. Designation of the construction product: **S355GP**
3. Intended use(s): **for general use, steel structures and engineering works.**
4. Name and address of the manufacturer and place of manufacture of the product:
**ArcelorMittal Poland S.A., Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland
Unit in Dąbrowa Górnicza, Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland.**
5. Name and address of the authorised representative, if any: **not applicable**
6. The national system used to assess and verify constancy of performance: **system 2+**
7. National technical specification:
 - 7a. Polish standard concerning the product: **PN-EN 10248-1:1999 Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions.**
Name of the accredited certification body, accreditation number and certificate number: **Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o.; Accreditation N°: AC 005; Certificate N°: ZKP-005-UWB-005.**
 - 7b. National Technical Assessment: **not applicable**
8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	Declared performance	Remarks
Dimensional & shape tolerances	according to PN-EN 10248-2:1999	
Yield strength	R _{eH} min 355 MPa	
Tensile strength	R _m min 480 MPa	
Elongation	A ₅ min 22%	
Chemical composition (% mass)	% max. – C: 0.24; Mn: 1.60; Si: 0.55; P: 0.045; S: 0.045; N: 0.009	see ¹⁾ and ²⁾

1) The nitrogen values given may be exceeded, provided that each increase in the N content by 0.001% corresponds to a reduction in the P content by 0.005%; the N content in the heat analysis may not exceed 0.012%.

2) The maximum content for N does not apply if in the total chemical composition, Al_{total} is min. 0.020% or a sufficient amount of other nitrogen-fixing elements.

9. Performance of the product specified above is compliant with all declared performance items listed in point 8.
This national declaration of performance has been issued in accordance with Polish Act of Law dated April 16, 2004 – *Construction Products*, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer, by:

Mr Tomasz Szafrński – Quality Manager – Long products

Dąbrowa Górnicza, 17 February 2020



N° KDWU-05/DG/2020/EN

1. Name and trade name of the construction product: **Hot rolled sheet piling type 'U'**
2. Designation of the construction product: **S390GP**
3. Intended use(s): **for general use, steel structures and engineering works.**
4. Name and address of the manufacturer and place of manufacture of the product:
**ArcelorMittal Poland S.A., Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland
Unit in Dąbrowa Górnicza, Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland.**
5. Name and address of the authorised representative, if any: **not applicable**
6. The national system used to assess and verify constancy of performance: **system 2+**
7. National technical specification:
 - 7a. Polish standard concerning the product: **PN-EN 10248-1:1999 Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions.**
Name of the accredited certification body, accreditation number and certificate number: **Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o.; Accreditation N°: AC 005; Certificate N°: ZKP-005-UWB-005.**
 - 7b. National Technical Assessment: **not applicable**
8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	Declared performance	Remarks
Dimensional & shape tolerances	according to PN-EN 10248-2:1999	
Yield strength	R _{eH} min 390 MPa	
Tensile strength	R _m min 490 MPa	
Elongation	A ₅ min 20%	
Chemical composition (% mass)	% max. – C: 0.24; Mn: 1.60; Si: 0.55; P: 0.040; S: 0.040; N: 0.009	see ¹⁾ and ²⁾

1) The nitrogen values given may be exceeded, provided that each increase in the N content by 0.001% corresponds to a reduction in the P content by 0.005%; the N content in the heat analysis may not exceed 0.012%.

2) The maximum content for N does not apply if in the total chemical composition, Al_{total} is min. 0.020% or a sufficient amount of other nitrogen-fixing elements.

9. Performance of the product specified above is compliant with all declared performance items listed in point 8.
This national declaration of performance has been issued in accordance with Polish Act of Law dated April 16, 2004 – *Construction Products*, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer, by:

Mr Tomasz Szafranski – Quality Manager – Long products

Dąbrowa Górnicza, 17 February 2020



N° KDWU-06/DG/2020/EN

1. Name and trade name of the construction product: **Hot rolled sheet piling type 'U'**
2. Designation of the construction product: **S430GP**
3. Intended use(s): **for general use, steel structures and engineering works.**
4. Name and address of the manufacturer and place of manufacture of the product:
**ArcelorMittal Poland S.A., Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland
Unit in Dąbrowa Górnicza, Al. J. Piłsudskiego 92, 41-308 Dąbrowa Górnicza, Poland.**
5. Name and address of the authorised representative, if any: **not applicable**
6. The national system used to assess and verify constancy of performance: **system 2+**
7. National technical specification:
 - 7a. Polish standard concerning the product: **PN-EN 10248-1:1999 Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions.**
Name of the accredited certification body, accreditation number and certificate number: **Zakłady Badań i Atestacji „ZETOM” im. Prof. F. Stauba w Katowicach sp. z o.o.; Accreditation N°: AC 005; Certificate N°: ZKP-005-UWB-005.**
 - 7b. National Technical Assessment: **not applicable**
8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	Declared performance	Remarks
Dimensional & shape tolerances	according to PN-EN 10248-2:1999	
Yield strength	R _{eH} min 430 MPa	
Tensile strength	R _m min 510 MPa	
Elongation	A ₅ min 19%	
Chemical composition (% mass)	% max. – C: 0.24; Mn: 1.60; Si: 0.55; P: 0.040; S: 0.040; N: 0.009	see ¹⁾ and ²⁾

1) The nitrogen values given may be exceeded, provided that each increase in the N content by 0.001% corresponds to a reduction in the P content by 0.005%; the N content in the heat analysis may not exceed 0.012%.

2) The maximum content for N does not apply if in the total chemical composition, Al_{total} is min. 0.020% or a sufficient amount of other nitrogen-fixing elements.

9. Performance of the product specified above is compliant with all declared performance items listed in point 8.
This national declaration of performance has been issued in accordance with Polish Act of Law dated April 16, 2004 – *Construction Products*, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer, by:

Mr Tomasz Szafranski – Quality Manager – Long products

Dąbrowa Górnicza, 17 February 2020

