

Declaration of Performance (DoP) Areco-B01

Manufacturer Areco Profiles AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 2+

Notified Body SP Technical Research Institute of Sweden
Box 587
501 15 Borås

Notified Body No 0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	C-Z Lättbalk Zink C-Z Lättbalk Aluzink
Intended use	Structural components

Declaration

Product variants	C-Z Lättbalk Zink	C-Z Lättbalk Aluzink	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Weldability	NPD		EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel		EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco Light Beam. Manufactured according to EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Yield strength	350 MPa (S350GD+Z) Alt according to Areco delivery note.	350 MPa (S350GD+AZ) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD		EN 1090-1:2009+A1:2011
External fire performance	NPD		EN 1090-1:2009+A1:2011
Reaction to fire	Klass A1		EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD		EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD		EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side)	Aluzinc coating AZ 150 = 150 g/m ² (Gram weight of the front and back side)	EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

This declaration of performance is issued on the sole responsibility of the manufacturer as above.



Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B02

Manufacturer	Areco Profiles AB Vinkelgatan 13 211 24 MALMÖ
AVCP level	2+
Notified Body	SP Technical Research Institute of Sweden Box 587 501 15 Borås
Notified Body No	0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP/VP: 18, 20, 35, 45 Aluzink TP 128 Aluzink
Intended use	Structural components

Declaration

Product variants	TP/VP: 18, 20, 35, 45 Aluzink	TP 128 Aluzink	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Weldability	NPD		EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel		EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 128. Manufactured according to EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Yield strength	280 MPa (S280GD+AZ) Alt according to Areco delivery note.	350 MPa (S350GD+AZ) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD		EN 1090-1:2009+A1:2011
External fire performance	NPD		EN 1090-1:2009+A1:2011
Reaction to fire	A1		EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD		EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD		EN 1090-1:2009+A1:2011
Durability	Aluzinc coating AZ 185 = 185 g/m ² (Gram weight of the front and back side)	Aluzinc coating AZ 150 = 150 g/m ² (Gram weight of the front and back side)	EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

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Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B03

Manufacturer	Areco Profiles AB Vinkelgatan 13 211 24 MALMÖ
AVCP level	2+
Notified Body	SP Technical Research Institute of Sweden Box 587 501 15 Borås
Notified Body No	0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP/VP: 18, 20, 35, 45 Polyester TP 128 Polyester
Intended use	Structural components

Declaration

Product variants	TP/VP: 18, 20, 35, 45 Polyester	TP 128 Polyester	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Weldability	NPD		EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel		EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 128. Manufactured according to EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Yield strength	280 MPa (S280GD+Z) Alt according to Areco delivery note.	420 MPa (420YP+Z) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD		EN 1090-1:2009+A1:2011
External fire performance	Considered "deemed to satisfy without the need for testing"		EN 1090-1:2009+A1:2011
Reaction to fire	A1		EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD		EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD		EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 275 = 275 g/m ² g/m ² (Gram weight of the front and back side) Color coating Polyester front side ≥ 25 µm Color coating back side ≥ 5 µm		EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

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Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B04

Manufacturer	Areco Profiles AB Vinkelgatan 13 211 24 MALMÖ
AVCP level	2+
Notified Body	SP Technical Research Institute of Sweden Box 587 501 15 Borås
Notified Body No	0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP/VP: 18, 20, 35, 45 Matt Polyester
Intended use	Structural components

Declaration

Product variants	TP/VP: 18, 20, 35, 45 Matt Polyester	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Weldability	NPD	EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel	EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 45. Manufactured according to EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Yield strength	280 MPa (S280GD+Z) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD	EN 1090-1:2009+A1:2011
External fire performance	Pcs 0,92 MJ/m ² (EN 13501-1)	EN 1090-1:2009+A1:2011
Reaction to fire	A1 (EN 13501-1)	EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD	EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD	EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side) Color coating Matt Polyester front side ≥ 30 µm Color coating back side ≥ 5 µm	EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

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Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B05

Manufacturer	Areco Profiles AB Vinkelgatan 13 211 24 MALMÖ
AVCP level	2+
Notified Body	SP Technical Research Institute of Sweden Box 587 501 15 Borås
Notified Body No	0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP/VP: 18, 20, 35, 45 Karat GC
Intended use	Structural components

Declaration

Product variants	TP/VP: 18, 20, 35, 45 Karat GC	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Weldability	NPD	EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel	EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 45. Manufactured according to EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Yield strength	240 MPa (FAP+Z) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD	EN 1090-1:2009+A1:2011
External fire performance	Pcs 4,6 MJ/m ² (EN 13501-1)	EN 1090-1:2009+A1:2011
Reaction to fire	A2-s1,d0 (EN 13501-1)	EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD	EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD	EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 350 = 350 g/m ² (Gram weight of the front and back side) Color coating Karat GC front side ≥ 36 µm Color coating back side ≥ 10 µm	EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

This declaration of performance is issued on the sole responsibility of the manufacturer as above.



Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B06

Manufacturer	Areco Profiles AB Vinkelgatan 13 211 24 MALMÖ
AVCP level	2+
Notified Body	SP Technical Research Institute of Sweden Box 587 501 15 Borås
Notified Body No	0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP/VP: 18, 20, 35, 45 Karat
Intended use	Structural components

Declaration

Product variants	TP/VP: 18, 20, 35, 45 Karat	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Weldability	NPD	EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel	EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 45. Manufactured according to EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Yield strength	280 MPa (S280GD+Z) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD	EN 1090-1:2009+A1:2011
External fire performance	Pcs 1,32 MJ/m ² (EN 13501-1)	EN 1090-1:2009+A1:2011
Reaction to fire	A1 (EN 13501-1)	EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD	EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD	EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side) Color coating Karat front side ≥ 45 µm Color coating back side ≥ 5 µm	EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

This declaration of performance is issued on the sole responsibility of the manufacturer as above.



Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B07

Manufacturer Areco Profiles AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 2+

Notified Body SP Technical Research Institute of Sweden
Box 587
501 15 Borås

Notified Body No 0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP/VP: 18, 20, 35, 45 Polyester
Intended use	Structural components

Declaration

Product variants	TP/VP: 18, 20, 35, 45 Polyester	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Weldability	NPD	EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel	EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 45. Manufactured according to EN 1090-2: 2008 + A1: 2011	EN 1090-1:2009+A1:2011
Yield strength	320 MPa (S320GD+Z) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD	EN 1090-1:2009+A1:2011
External fire performance	Considered "deemed to satisfy without the need for testing"	EN 1090-1:2009+A1:2011
Reaction to fire	A1	EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD	EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD	EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side) Color coating Polyester front side ≥ 25 µm Color coating back side ≥ 5 µm	EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

This declaration of performance is issued on the sole responsibility of the manufacturer as above.



Pontus Holgersson, MD
Malmö den 2015-09-30

Declaration of Performance (DoP) Areco-B08

Manufacturer	Areco Profiles AB Vinkelgatan 13 211 24 MALMÖ
AVCP level	2+
Notified Body	SP Technical Research Institute of Sweden Box 587 501 15 Borås
Notified Body No	0402

SP Technical Research Institute of Sweden has performed the initial audit and assessment of factory production control and performs the continuous surveillance of the production. Certificate No. 0402 - CPR - SC0037-15 has been issued by SP Technical Research Institute after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC2
Product type	TP 128 Polyester/350 TP 128 Polyester/420
Intended use	Structural components

Declaration

Product variants	TP 128 Polyester/350	TP 128 Polyester/420	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Weldability	NPD		EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standards for steel		EN 1090-1:2009+A1:2011
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 - 128. Manufactured according to EN 1090-2: 2008 + A1: 2011		EN 1090-1:2009+A1:2011
Yield strength	350 MPa (S350GD+Z) Alt according to Areco delivery note.	420 MPa (S420GD+Z) Alt according to Areco delivery note.	EN 1090-1:2009+A1:2011
Resistance to fire	NPD		EN 1090-1:2009+A1:2011
External fire performance	Considered "deemed to satisfy without the need for testing"		EN 1090-1:2009+A1:2011
Reaction to fire	A1		EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD		EN 1090-1:2009+A1:2011
Frigörande av kadmium	NPD		EN 1090-1:2009+A1:2011
Durability	Zinc coating Z 100 = 100 g/m ² (Gram weight of the front and back side) Color coating Polyester front side ≥ 20 µm Color coating back side ≥ 5 µm		EN 1090-1:2009+A1:2011

The performance of the named products described above, comply with the declared performance in the above table.

This declaration of performance is issued on the sole responsibility of the manufacturer as above.



Pontus Holgersson, MD
Malmö den 2015-09-30