

Declaration of Performance (DoP) Areco-IB02

Manufacturer Areco Metals AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 4

Product	Fully supported steel strip, coil and sheet according to EN 14783
Product type	Areco steel strip 280 MPa Aluzinc Areco steel coil 280 MPa Aluzinc Areco steel sheet 280 MPa Aluzinc Areco steel strip 280 MPa Zinc Areco steel coil 280 MPa Zinc Areco steel sheet 280 MPa Zinc Areco steel strip 350 MPa Aluzinc Areco steel coil 350 MPa Aluzinc Areco steel sheet 350 MPa Aluzinc
Intended use	Fully supported applications in roofing and wall cladding and lining

Declaration

Product variants	Areco steel strip 280 MPa Aluzinc Areco steel coil 280 MPa Aluzinc Areco steel sheet 280 MPa Aluzinc Areco steel strip 280 MPa Zinc * Areco steel coil 280 MPa Zinc * Areco steel sheet 280 MPa Zinc *	Areco steel strip 350 MPa Aluzinc. Areco steel coil 350 MPa Aluzinc Areco steel sheet 350 MPa Aluzinc	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to Areco technical specifications, alt according to Areco delivery note. Meets requirements in EN 14783		
Dimensional change (temp)	Steel thermal expansion coeff 12×10^{-6}		EN 14783:2013
Yield strength	280 MPa (S280GD+AZ) * (S280GD+Z) Alt according to Areco delivery note	350 MPa (S350GD+AZ) Alt according to Areco delivery note	
Water permeability	Meets requirements in 4.3 EN 14783		EN 14783:2013
Water vapour and air permeability	Meets requirements in 4.6 EN 14783		EN 14783:2013
External fire performance	NPD		EN 14783:2013
Reaction to fire	A1		EN 14783:2013
Release of dangerous substances	NPD		EN 14783:2013
Durability	Aluzinc coating AZ 185 = 185 g/m ² * 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 14783:2013

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.



Anders Lindell, MD
Malmö, 2019-02-27

Declaration of Performance (DoP) Areco-IB03

Manufacturer Areco Metals AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 4

Product Fully supported steel strip, coil and sheet according to EN 14783

Product type Areco steel strip 280 MPa Polyester
Areco steel coil 280 MPa Polyester
Areco steel sheet 280 MPa Polyester
Areco steel strip 350 MPa Polyester
Areco steel coil 350 MPa Polyester
Areco steel sheet 350 MPa Polyester

Intended use Fully supported applications in roofing and wall cladding and lining

Declaration

Product variants	Areco steel strip 280 MPa Polyester Areco steel coil 280 MPa Polyester Areco steel sheet 280 MPa Polyester	Areco steel strip 350 MPa Polyester Areco steel coil 350 MPa Polyester Areco steel sheet 350 MPa Polyester	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to Areco technical specifications, alt according to Areco delivery note. Meets requirements in EN 14783		
Dimensional change (temp)	Steel thermal expansion coeff 12×10^{-6}		EN 14783:2013
Yield strength	280 MPa (S280GD+Z) Alt according to Areco delivery note.	350 MPa (S350GD+Z) Alt according to Areco delivery note.	
Water permeability	Meets requirements in 4.3 EN 14783		EN 14783:2013
Water vapour and air permeability	Meets requirements in 4.6 EN 14783		EN 14783:2013
External fire performance	Considered "deemed to satisfy without the need for testing"		EN 14783:2013
Reaction to fire	A1		EN 14783:2013
Release of dangerous substances	NPD		EN 14783:2013
Durability	Zinc coating $Z\ 275 = 275\text{ g/m}^2$ (Gram weight of the front and back side) Color coating Polyester front side $\geq 25\ \mu\text{m}$ Color coating back side $\geq 5\ \mu\text{m}$		EN 14783:2013

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

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Anders Lindell, MD
Malmö, 2019-02-27

Declaration of Performance (DoP) Areco-IB04

Manufacturer Areco Metals AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 4

Product Fully supported steel strip, coil and sheet according to EN 14783

Product type Areco steel strip 280 MPa Matt Polyester
Areco steel coil 280 MPa Matt Polyester
Areco steel sheet 280 MPa Matt Polyester

Intended use Fully supported applications in roofing and wall cladding and lining

Declaration

Product variants	Areco steel strip 280 MPa Matt Polyester Areco steel coil 280 MPa Matt Polyester Areco steel sheet 280 MPa Matt Polyester	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to Areco technical specifications, alt according to Areco delivery note. Meets requirements in EN 14783	
Dimensional change (temp)	Steel thermal expansion coeff 12×10^{-6}	EN 14783:2013
Yield strength	280 MPa (S280GD+Z) Alt according to Areco delivery note	
Water permeability	Meets requirements in 4.3 EN 14783	EN 14783:2013
Water vapour and air permeability	Meets requirements in 4.6 EN 14783	EN 14783:2013
External fire performance	Pcs 0,92 MJ/ m ² (EN13501-1)	EN 14783:2013
Reaction to fire	A1 (EN13501-1)	EN 14783:2013
Release of dangerous substances	NPD	EN 14783:2013
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side) Color coating Matt Polyester front side $\geq 30 \mu\text{m}$ Color coating back side $\geq 5 \mu\text{m}$	EN 14783:2013

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.



Anders Lindell, MD
Malmö, 2019-02-27

Declaration of Performance (DoP) Areco-IB05

Manufacturer Areco Metals AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 4

Product Fully supported steel strip, coil and sheet according to EN 14783

Product type Areco steel strip 160 MPa (PLX+Z) GreenCoat
Areco steel coil 160 MPa (PLX+Z) GreenCoat
Areco steel sheet 160 MPa (PLX+Z) GreenCoat
Areco steel strip 240 MPa (FAP+Z) GreenCoat
Areco steel coil 240 MPa (FAP+Z) GreenCoat
Areco steel sheet 240 MPa (FAP+Z) GreenCoat

Intended use Fully supported applications in roofing and wall cladding and lining

Declaration

Product variants	Areco steel strip 160 MPa (PLX+Z) GreenCoat Areco steel coil 160 MPa (PLX+Z) GreenCoat Areco steel sheet 160 MPa (PLX+Z) GreenCoat Areco steel strip 240 MPa (FAP+Z) GreenCoat Areco steel coil 240 MPa (FAP+Z) GreenCoat Areco steel sheet 240 MPa (FAP+Z) GreenCoat	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to Areco technical specifications, alt according to Areco delivery note. Meets requirements in EN 14783	
Dimensional change (temp)	Steel thermal expansion coeff 12×10^{-6}	EN 14783:2013
Yield strength	160 MPa (PLX+Z) Alt according to Areco delivery note	240 MPa (FAP+Z) Alt according to Areco delivery note
Water permeability	Meets requirements in 4.3 EN 14783	EN 14783:2013
Water vapour and air permeability	Meets requirements in 4.6 EN 14783	EN 14783:2013
External fire performance	B ROOF(t1), B ROOF(t2), B ROOF(t3)	EN 14783:2013
Reaction to fire	A2-s1,d0 (EN 13501-1)	EN 14783:2013
Release of dangerous substances	NPD	EN 14783:2013
Durability	Zinc coating Z 350 = 350 g/m ² (Gram weight of the front and back side) Color coating GC front side $\geq 36 \mu\text{m}$ Color coating back side $\geq 10 \mu\text{m}$	EN 14783:2013

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

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Anders Lindell, MD
Malmö, 2019-02-27

Declaration of Performance (DoP) Areco-IB06

Manufacturer Areco Metals AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 4

Product Fully supported steel strip, coil and sheet according to EN 14783

Product type Areco steel strip 280 MPa Karat
Areco steel coil 280 MPa Karat
Areco steel sheet 280 MPa Karat

Intended use Fully supported applications in roofing and wall cladding and lining

Declaration

Product variants	Areco steel strip 280 MPa with Karat coating. Areco steel coil 280 MPa with Karat coating. Areco steel sheet 280 MPa with Karat coating.	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to Areco technical specifications, alt according to Areco delivery note. Meets requirements in EN 14783	
Dimensional change (temp)	Steel thermal expansion coeff 12×10^{-6}	EN 14783:2013
Yield strength	280 MPa (S280GD+Z) Alt according to Areco delivery note.	
Water permeability	Meets requirements in 4.3 EN 14783	EN 14783:2013
Water vapour and air permeability	Meets requirements in 4.6 EN 14783	EN 14783:2013
External fire performance	Pcs 1,32 MJ/ m ² (EN13501-1)	EN 14783:2013
Reaction to fire	A1 (EN13501-1)	EN 14783:2013
Release of dangerous substances	NPD	EN 14783:2013
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side) Color coating Karat front side $\geq 45 \mu\text{m}$ Color coating back side $\geq 5 \mu\text{m}$	EN 14783:2013

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.



Anders Lindell, MD
Malmö, 2019-02-27

Declaration of Performance (DoP) Areco-IB07

Manufacturer Areco Metals AB
Vinkelgatan 13
211 24 MALMÖ

AVCP level 4

Product Fully supported steel strip, coil and sheet according to EN 14783

Product type Areco steel strip 320 MPa Polyester
Areco steel coil 320 MPa Polyester
Areco steel sheet 320 MPa Polyester

Intended use Fully supported applications in roofing and wall cladding and lining

Declaration

Product variants	Areco steel strip 320 MPa with Polyester coating. Areco steel coil 320 MPa with Polyester coating. Areco steel sheet 320 MPa with Polyester coating.	
Essential characteristics	Performance	Harmonised standard
Tolerances and dimensions	According to Areco technical specifications, alt according to Areco delivery note. Meets requirements in EN 14783	
Dimensional change (temp)	Steel thermal expansion coeff 12×10^{-6}	EN 14783:2013
Yield strength	320 MPa (S320GD+Z) Alt according to Areco delivery note.	
Water permeability	Meets requirements in 4.3 EN 14783	EN 14783:2013
Water vapour and air permeability	Meets requirements in 4.6 EN 14783	EN 14783:2013
External fire performance	Considered "deemed to satisfy without the need for testing"	EN 14783:2013
Reaction to fire	A1	EN 14783:2013
Release of dangerous substances	NPD	EN 14783:2013
Durability	Zinc coating Z 275 = 275 g/m ² (Gram weight of the front and back side) Color coating Polyester front side $\geq 25 \mu\text{m}$ Color coating back side $\geq 5 \mu\text{m}$	EN 14783:2013

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

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Malmö, 2019-02-27