

## Declaration of Performance (DoP) Areco-B22-2

**Manufacturer** Areco Profiles AB  
Vinkelgatan 13  
211 24 MALMÖ

**AVCP level** 2+

**Notified Body** RISE Research Institutes of Sweden AB, Certification  
Box 587  
501 15 Borås

**Notified Body no** 0402

RISE Research Institutes 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 RISE Research Institutes of Sweden after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-4		
Execution class	EXC3		
Product type	TP 131 Alu-zinc,TP 200 Alu-zinc TP 18 Alu-zinc, TP 20 Alu-zinc, TP35 m/rilla Alu-zinc, TP 45 Alu-zinc VP 18 Alu-zinc, VP 20 Alu-zinc, VP 35 m/rilla Alu-zinc, VP 45 Alu-zinc Sinus 18 Alu-zinc, Sinus 18 V ägg Alu-zinc, Sinus 45 Alu-zinc		
Intended use	Structural components		
Deklaration			
Product variants	0,5mm 0,6 mm	0,7 mm 0,8 mm 0,9 mm 1,0 mm 1,2 mm 1,5 mm	
Essential characteristics	Performance		Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-4:2018		EN 1090-4:2018
Weldability	NPD		EN 1090-4:2018
Fracture toughness	According to the respective EN standard for steel		EN 1090-4:2018
Load bearing capacity	According to dimensioning and calculations, alt according to the technical data sheet Areco TP/VP 18 – TP 200		EN 1090-4:2018
Yield strength	280 MPa (S280GD+Z)  Alt according to Areco delivery note and invoice	350 MPa (S350GD+Z) or 420MPa (S420GD+Z)  According to Areco delivery note and invoice	EN 1090-1:2009+A1:2011
Resistance to fire	NPD		EN 1090-4:2018
External fire performance	NPD		EN 1090-4:2018
Reaction to fire	A1 With Arcond anti condensation: A2 – s1, d0		EN 1090-4:2018
Radioactive radiation	NPD		EN 1090-4:2018
Release of cadmium	NPD		EN 1090-4:2018
Durability	Alu-zinc coating AZ185 = 185 g/m² (Gram weight of the front and back side)	Alu-zinc coating AZ150 = 150 g/m² (Gram weight of the front and back side)	EN 1090-4:2018

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.



Maid Kulasin, MD  
Malmö 2022-12-28

## Declaration of Performance (DoP) Areco-B43-2

**Manufacturer** Areco Profiles AB  
Vinkelgatan 13  
211 24 MALMÖ

**AVCP level** 2+

**Notified Body** RISE Research Institutes of Sweden AB, Certification  
Box 587  
501 15 Borås

**Notified Body no** 0402

RISE Research Institutes 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 RISE Research Institutes of Sweden after approved production control (FPC).

Product	Steel profiles for use as structural components according to EN 1090-1				
Execution class	EXC3				
Product type	TP 131 POL Black, TP 200 POL Black TP 18 POL, TP 20 POL, TP35 POL, TP 45 POL VP 18 POL, VP 20 POL, VP 35 POL, VP 45 POL Sinus 18 POL, Sinus 18 Wall POL, Sinus 45 POL				
Intended use	Structural components				
Declaration					
Product variants	0,5mm 0,6 mm	0,65 mm	0,7 mm 0,8 mm 0,9 mm 1,0 mm 1,2 mm	1,5 mm	
Essential characteristics	Performance				Harmonised standard
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-4:2018				EN 1090-1:2009+A1:2011
Weldability	NPD				EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standard 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 – TP 200				EN 1090-1:2009+A1:2011
Yield strength	280 MPa (S280GD+ZM)  Alt according to Areco delivery note	320 MPa (S320GD+ZM)  Alt according to Areco delivery note	420MPa (S420GD+ZM)  Alt according to Areco delivery note	350 MPa (S350GD+ZM)  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	B ROOF(t1), B ROOF(t2), B ROOF(t3)				EN 1090-1:2009+A1:2011
Reaction to fire	A1 With Arcond anti condensation: A2 – s1, d0				EN 1090-1:2009+A1:2011
Radioactive radiation	NPD				EN 1090-1:2009+A1:2011
Release of cadmium	NPD				EN 1090-1:2009+A1:2011
Durability	Zink-magnesium-coating ZM120 = 120 g/m² (Gram weight of the front and back side) with coil coated Polyester front side ≥ 21 µm, back side ≥ 7 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.



Maid Kulasin, Managing Director  
Malmö, 2022-12-28

## Declaration of Performance (DoP) Areco-B48-1

**Manufacturer** Areco Profiles AB  
Vinkelgatan 13  
211 24 MALMÖ

**AVCP level** 2+

**Notified Body** RISE Research Institutes of Sweden AB, Certification  
Box 587  
501 15 Borås

**Notified Body no** 0402

RISE Research Institutes 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 RISE Research Institutes of Sweden after approved production control (FPC).

<b>Product</b>	Steel profiles for use as structural components according to EN 1090-1
<b>Execution class</b>	EXC3
<b>Product type</b>	TP 131 POL Antikvit AR9002 TP 200 POL Antikvit AR9002

**Intended use** Structural components

Declaration			
Product variants	0,7mm, 0,8mm 0,9mm, 1,0mm, 1,2mm	1,5mm	
<b>Essential characteristics</b>	<b>Performance</b>		<b>Harmonised standard</b>
Tolerances and dimensions	According to relevant drawings, alt delivery notes and invoices as well as requirements in EN 1090-4:2018		EN 1090-1:2009+A1:2011
Weldability	NPD		EN 1090-1:2009+A1:2011
Fracture toughness	According to the respective EN standard 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 – TP 200		EN 1090-1:2009+A1:2011
Yield strength	420 MPa (S420GD+ZM) Alt according to Areco delivery note	350 MPa (S350GD+ZM) 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	B ROOF(t1), B ROOF(t2), B ROOF(t3)		EN 1090-1:2009+A1:2011
Reaction to fire	A1		EN 1090-1:2009+A1:2011
Radioactive radiation	NPD		EN 1090-1:2009+A1:2011
Release of cadmium	NPD		EN 1090-1:2009+A1:2011
Durability	Hot-dip zinc-magnesium coating ZM100 = 100 g/m <sup>2</sup> (Gram weight of the front and back side) with coil coated Polyester front side ≥ 12 µm, back side ≥ 9 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 2020-12-18