

**Declaration of Performance (DoP) Areco-B01**

**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>	C-Z Lightweight steel beam Zinc
<b>Intended use</b>	Structural components

<b>Declaration</b>		
Product variants	C-Z Lightweight steel beam Zinc, 100-300 mm	
<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 CONSTRUCTION BEAM	EN 1090-1:2009+A1:2011
Yield strength	350 MPa (S350GD+Z) Alternatively 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
Radioactive radiation	NPD	EN 1090-1:2009+A1:2011
Release of cadmium	NPD	EN 1090-1:2009+A1:2011
Durability	Zinc coating Z275 = 275 g/m <sup>2</sup> (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 2020-05-15

**Declaration of Performance (DoP) Areco-B21**

**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>	C-Z Lightweight steel beam Alu-zinc
<b>Intended use</b>	Structural components

<b>Declaration</b>		
Product variants	C-Z Lightweight steel beam Alu-zinc, 100-300 mm	
<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 CONSTRUCTION BEAM	EN 1090-1:2009+A1:2011
Yield strength	350 MPa (S350GD+AZ) Alternatively 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
Radioactive radiation	NPD	EN 1090-1:2009+A1:2011
Release of cadmium	NPD	EN 1090-1:2009+A1:2011
Durability	Alu-zinc coating AZ150 = 150 g/m <sup>2</sup> (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 2020-05-15