

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).

Product	Steel profiles for use as structural components according to EN 1090-1
Execution class	EXC3
Product type	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
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	420 MPa (S420GD+ZM) Alt according to Areco delivery note	350 MPa (S350GD+ZM) Alt according to Areco delivery note
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 ² (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