



# Areco WARRANTY

This warranty concerns **colour coated steel sheet and Alu-zinc 150/185 gr/m<sup>2</sup>** products used in roof and wall constructions in accordance with below terms and conditions on materials specified in table 1. Materials not listed are not covered by the warranty. This warranty covers abnormal colour change and peeling of the paint and rust-through. The warranty period starts from the date of invoice to customer and is valid in accordance with the table below.

**Table 1**

Paint system	Used in	Warranty for the colour (aesthetical) Corrosivity class		Warranty for rust-through (technical) Corrosivity class	
		C1-C3	C4	C1-C3	C4
Polyester 15   AZ150	High profiles	-	-	C1-C2: 5 years   C3: -	-
Polyester 25	Roof and Wall profiles, High profiles	10 years	-	10 years	-
Matt polyester	Roof profiles	10 years	-	10 years	-
Karat	Fittings, Roof and Wall profiles	20 years	15 years	30 years	10 years
GreenCoat Pro BT	Plane sheets, Fittings, Roof and Wall profiles	20 years	15 years	30 years	10 years
Alu-zinc 185 g/m <sup>2</sup>	Plane sheets, Fittings, Roof and Wall profiles	-	-	25 years	20 years
GreenCoat RWS	Roof drainage system	20 years	10 years	15 years	10 years
Alu-zinc 185 g/m <sup>2</sup>	Roof drainage system	-	-	20 years	10 years

**Corrosivity classes**

Environmental class	Environmental aggression	Environmental example	Suitable colour system
C1	Very low	Heated spaces with dry air and insignificant pollution, e.g. offices, shops, schools, hotels.	Polyester (PE), Matt polyester (MPE) Karat, GreenCoat®, AZ150 , AZ185
C2	Low	Atmospheres with low pollution. Indoor, non-heated spaces with fluctuating temperature and humidity. Low frequency of condensation and low level of air pollution, e.g. sports halls, warehouses.	Polyester (PE), Matt polyester (MPE) Karat, GreenCoat®, AZ150 , AZ185
C3	Moderate	Atmosphere with some salt or moderate air pollution. Urban areas and lightly industrialized areas. Areas with certain influence from the coast. Indoor spaces with moderate humidity and certain levels of pollution from production processes, e.g. breweries, dairies, laundries.	Polyester (PE), Matt polyester (MPE) Karat, GreenCoat®, AZ150 , AZ185
C4	High	Atmosphere with moderate salt or considerable air pollution. Industrial or coastal areas. Indoor spaces with high humidity and high levels of air pollution from production processes, e.g. chemical industries, swimming halls, shipping yards.	Karat, GreenCoat®, AZ185

# Warranty - Terms and Conditions

## Colour coated steel sheet and Alu-zinc 150/185 gr/m<sup>2</sup> products



### Warranty:

The warranty is valid under use of standard colours and AZ185 according to Areco colour chart and in normal environments (C1-C4), table 2. It cannot be applied when the material is used in particularly corrosive environments, e.g. air with high salt content, in constant contact with water or corrosive chemicals, smoke, condensation, ash, concrete dust or animal excrement, which may affect the surface of the sheet metal.

### Furthermore, the warranty is valid under the following conditions:

- Angle of roof or other surface is min. 1:16 (5.8°).
- Applied processing temperature during roll-forming (i.e. temperature of sheet-metal).
- Applied radius during bending follows requested the values and that the sheet-metal is not re-bent forcefully.
- The sheet-metal bare cut edges are protected or painted to avoid edge corrosion to occur.
- The sheet-metal or its coating is not damaged mechanically or chemically (processing damages causing penetrated colour coating must be repaired using improvement paint).
- Water must be able to drain freely from all surfaces.
- The sheet-metal is not stored or used in contact with or in the vicinity of humid or corrosive material.
- The sheet-metal is not exposed to copper or liquid from copper pipes.
- This warranty is valid only for normal inland climate, more than 1 km from the coast.
- This warranty is valid only for corrosion from the weather side and if more than 5% of the surface of each building is affected. It is not valid for corrosion and other effects that may emerge following substances in the building, abnormal pollution or contact with aggressive smoke, chemicals or direct contact between wall profile and ground.
- That suitable colour system, fastening products and sealing agents are used, for valid environmental class according to table 2.
- Assembly and maintenance has been carried out professionally and according to recommendations.
- That collection of dirt in areas of rain shadow has been professionally cleaned.
- That processing temperature does not continuously exceed maximum limit.
- That contact with wet concrete, wet timber, ground or other surfaces have been avoided.
- That the material has been installed within one (1) month of the invoice date.

### Other terms:

- 1 If justified claims according to the warranty are presented, Areco will, by own choice, take the costs, fully or partially, depending on the age of the sheet-metal, for re-painting defective sheet-metal or free of charge deliver new sheet-metal as replacement for defects. The action shall be the most practical in combination with a reasonable cost. Areco has no responsibility for errors beyond what is provided here and the purchaser is not entitled to assert any other claims, including the costs of work associated with the replacement of materials. Areco does not reimburse any losses for business operations.
- 2 Areco takes no responsibility for direct or indirect losses caused by such defects as described in this warranty. Equivalent coating warranty for replaced or re-painted sheet-metal is valid for the remaining time of the original warranty.
- 3 The size of the compensation takes into consideration that the building has had its function for a number of years and the remaining life time. The guidelines below are applied for colour flaking and abnormal colour deviations. For re-painting it is the total cost that is referred to and for new sheet-metal it is the cost of the material, according to table 3.
- 4 Sheet-metal which has been corroded all the way through the material, causing leakage, will be reimbursed.
- 5 A prerequisite for processing a claim is that the sheet-metal can be identified with an order number, and that an invoice or other purchasing document can be presented.

Table 3

Time (years)	Re-painting compensation (%)	New sheet metal compensation (%)
0-3	100	100
4-7	60	100
8-10	40	100
11-20	40	100
21-30	-	50

Additional conditions for plane sheet and fittings	Additional conditions for roof drainage systems	Additional conditions for roof and wall profile
The warranty is not valid if the seam sealant has damaged the sheet surface.	The warranty is not valid if the pitch of the gutter is less than 2,5 mm/m or if stone granules have been accumulated in the gutter from a mounted roof product.	The warranty is not valid if fasteners and sealants unsuitable for the corrosivity class are used.

Table 2 - Corrosivity classes

Environmental class	Environmental aggression	Environmental example	Suitable colour system
C1	Very low	Heated spaces with dry air and insignificant pollution, e.g. offices, shops, schools, hotels.	Polyester (PE), Matt polyester (MPE) Karat, GreenCoat®, AZ150 , AZ185
C2	Low	Atmospheres with low pollution. Indoor, non-heated spaces with fluctuating temperature and humidity. Low frequency of condensation and low level of air pollution, e.g. sports halls, warehouses.	Polyester (PE), Matt polyester (MPE) Karat, GreenCoat®, AZ150 , AZ185
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C4	High	Atmosphere with moderate salt or considerable air pollution. Industrial or coastal areas. Indoor spaces with high humidity and high levels of air pollution from production processes, e.g. chemical industries, swimming halls, shipping yards.	Karat, GreenCoat®, AZ185

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