



WE LOVE RAIN

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Warranty for Wijo's colour coated sheet metal

Scope

This warranty covers rust through (technical), abnormal colour change and paint flaking (aesthetic) in accordance with conditions below on material specified in Table 1. Products in materials not listed in the table are not covered by the warranty.

Wijo guarantees that the product does not perforate by rust that may lead to leakage within the guarantee period. Wijo also guarantees that the colour coat does not flake, crack or loosen from the product and that there will not be any considerable colour changes (minor changes may rise and is not covered by the warranty). The life time of the product is considerably longer than the warranty period.

The warranty period is calculated from the date Wijo delivered the product to Wijo's customer and the warranty period for the product is in accordance with the table below.

Table 1 Warranty periods

Coating	Technical Warranty (years)				Aesthetic Warranty (years)			
	C1-C3	C4	C5	CX	C1-C3	C4	C5	CX
GreenCoat PLX Pro BT	50	20	-	-	20	15	-	-
GreenCoat Pro BT	40	15	-	-	20	15	-	-
GreenCoat Crown BT	40	-	-	-	15	-	-	-
Plastisol 200	10	-	-	-	10	-	-	-
Polyester	15	-	-	-	10	-	-	-
GreenCoat RWS Pro Glossy	20	10	-	-	15	10	-	-
Powder coated products	5	5	-	-	5	5	-	-

* See Table 2 Corrosivity Classes

Table 2 Corrosivity Classes according to SS-EN ISO 12944-2

Corrosivity Class	Corrosivity of the environment	Outdoor environment examples
C1	Very low	-
C2	Low	Low levels of air pollution. Rural areas.
C3	Moderate	Moderate amounts of air pollution. Urban areas and lightly industrialized areas.*
C4	High	Significant amounts of air pollution or moderate amounts of salt, industrial and coastal areas.*
C5	Very high	Industrial areas with an aggressive climate and high humidity. Coastal and offshore areas with large amounts of salt.*
CX	Extreme	Extreme industrial coastal and offshore areas in subtropical climates with salt and pollution, splash zones.

* For clarification of corrosivity classes in Scandinavian coastal areas see Table 3

Table 3 Definition of corrosivity classes C3, C4 and C5 for Scandinavian coastal areas

Scandinavian coastal areas	Distance from the sea water line	Corrosivity class
West coast *	< 300 m	C5 **
West coast *	300 m – 1 km	C4 **
West coast *	> 1 km	C3 **
East coast	Outside the splash zone	C3 **

* The Swedish west coast starts from Trelleborg

** If industrial environment is worse than marine, the corrosivity class fro industrial enironment must be used

Warranty conditions

For the warranty to apply, it is important that the products have been professionally installed in accordance with Wijo's current assembly instruction.

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The warranty applies to the use of standard colours in normal environment according to C1-C4, see Table 2.

The following conditions must be met:

1. Installed gutters have a slope > 2.5 mm/m.
2. Water can drain freely from all sheet metal surfaces, e.g. the slope of the roof or other surface is more than 1:16 (3.6°).
3. Suitable fasteners and sealants for the current corrosivity class are used.
4. The product and its coating are not damaged mechanically or chemically.
5. Processing damage that caused a broken paint layer is remedied by touch-up painting with an adapted touch-up paint.
6. Metal shavings produced during cutting, drilling or similar are immediately removed.
7. Accumulations of dirt or other deposits and rain shadow areas have been professionally washed off.

The warranty is not valid for:

1. Use in particularly corrosive or aggressive environment, e.g. in air with salinity as coastal areas near salt water, in constant contact with water or where corrosive chemicals, corrosive fumes, condensation and ash, cement dust or animal droppings may affect the sheet surface. Or if stone granules have accumulated in the gutter from the installed roof product.
2. Backside protective varnish or touch-up painted surfaces.
3. Edge corrosion on bare cut edges.
4. If the product is installed closer than 300 meters from seas with high salinity or is otherwise exposed to a high salinity environment that can be classified as C5 or CX.
5. If the steel or its coating has been mechanically or chemically damaged (processing damage that caused a broken paint layer must be remedied by touch-up painting by the fitter or the home owner).
6. Sheet metal that has been or is in contact with wet concrete, wet timber, impregnated wood, iron soil or other moist surfaces or that the sheet has been in contact with moist corrosive materials or materials that can cause galvanic corrosion. Sheet metal that has been exposed to contact with copper or lead or leakage from copper or lead material.
7. If the product was cut with an angle grinder with a cutting disc or other equipment that produces heat.
8. If joint sealant has damaged the sheet metal surface, (e.g. seaming oil on the sheet metal that has not been wiped off after completion of assembly).
9. Damage that can be shown to be due to improper storage, e.g. outdoor storage without free air flow around the product. Storage in a humid environment, corrosive environment, at abnormal temperatures or exposed to large temperature changes.
10. If damage to the paint layer (aesthetic) amounts to less than 5% of the total surface.

Compensation

Complaints must be made in writing within 6 months from when the defect was discovered or should have been discovered.

In the event of an approved complaint, Wijo undertakes to, at its own discretion, either bear the costs, in whole or in part, depending on the age of the sheet metal, for repainting defective material or freely supply the buyer with a new product, as compensation for the defect. Compensation shall be given with the product range that Wijo has at the time of compensation, which may result in differences in colour and shape compared to the original product. The measure must be the most practical in combination with the cost being reasonable. Cost responsibility is limited to the original invoice value of claimed product delivery.

In the case of perforated rusted material that can lead to leakage, damaged material is replaced. The warranty is not extended for replaced or repainted material, but applies for the remainder of the original warranty period.

The size of the compensation takes into account that the building fulfilled its function for a number of years and the remaining service life. The guidelines below are applied in case of colour flaking and abnormal color deviation (Table 4). In the case of repainting, the total costs are meant, and for new products, the product cost is meant. The amount of the original invoice indicates index 100 according to the table below.

Table 4

Time (years)*	Repainting Replacement %	Corrosivity class Replacement %
0-3	100	100
> 3-7	60	100
> 7-15	40	100
> 15-20	-	75
> 20-30	-	50
>30-50	-	35

* See table 1 for warranty period for different coatings

The warranty never compensates in any form costs for replacement, reconstruction, transport or loss of business activity.

Special conditions

The warranty is governed by the legislation of the country where the seller is domiciled. The warranty applies to all products sold by Wijo AB from the date indicated at the beginning of the document.

The warranty is written and drafted in Swedish. It is also translated into English. In the event of a discrepancy between the Swedish text and the translation into another language, the Swedish text applies.

Product liability

Wijo has no liability towards third parties and in this respect also not for direct or indirect damages, losses or costs incurred as a result of the product's use or installation.