

## MERASYSTEMPLÅT AB

ANDERSLÖV, SWEDEN

## Guarantee commitment for Mera System Plåt AB

The guarantee is valid for Mera Nordic, GreenCoat Crown BT, GreenCoat Mica BT, GreenCoat PRO BT and aluminiumzink used for wall and roof structures in Europe north of latitude 37°N and at a maximum altitude of 900 m above sea level.

Coating	-				Guarantee against colour retention and colour		Guarantee against colour retention and colour	
	ZON 1		ZON 2		scaling. ZON 1		scaling. ZON 2	
	C1-C3	C4	C1-C3	C4	C1-C3	C4	C1-C3	C4
GreenCoat Mica BT	40 years	10 years	35 years	10 years	20 years	10 years	15 years	10 years
GreenCoat PRO BT	40 years	10 years	35 years	10 years	20 years	10 years	15 years	10 years
GreenCoat Crown BT	40 years	10 years	35 years	10 years	15 years	10 years	10 years	10 years
Mera Nordic	30 years	-	30 years	-	10 years	-	5 years	-
Mera Aluminiumzink	30 years	_	30 years	-	no paint		no paint	

Corrosivity	Environmental	Environmental example.	Suitable
class	corrosivity		
C1 Very low		Heated areas with dry air and insignificant amounts of air impurities,	All surfaces
		e.g offices, shops, schools and hotels.	
C2 Low		Atmosphere with low content of air impurities. Unheated areas with varying	All surfaces
		temperature and humidity. Low frequency of moisture condensation and low content	
		of air impurities, e.g sport auditoriums, warehouses.	
C3	Moderat	Atmosphere with a certain amount of salt or moderate amounts of air impurities.	All surfaces
		Urban and lightly industrialised areas. Area with some affects from coast.	
		Areas with moderate humidity and certain amounts of air impurities from production	
		processes, e.g breweries, dairies and laundries	
C4	High	Atmosphere with moderate amount of salt or substansial amount of air impurities.	GreenCoat Crown BT
		Industrial and coastal areas. Areas with a high level of humidity and large amounts of air	GreenCoat Mica BT
		from production processes, e.g chemical industries, swimming baths and shipyards.	GreenCoat PRO BT
C5-I	Very high	Industrial areas with a high level of air humidity and an agressive atmosphere. Areas with	Unsuitable
	Industrial	almost permant moisture condensation and a large amount of air impurities.	
C5-M	Very high	Coastal and off-shore areas with a large amount of salt. Areas with almost permanent	Unsuitable
	Marin	moisture condensation and a large amount of air impurities.	



The guarantee is valid from 01/01/2023 until further notice, however, no later than up to and including 31/12/2023.

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The guarantee applies Mera Nordic, GreenCoat Crown BT, GreenCoat Mica BT, GreenCoat PRO BT and aluminiumzink used for walls and ceiling constructions.

The time is calculated from Mera System Plåt's invoice date.

The guarantee applies only to damage that covers more than 10% of each individual area.

The guarantee covers abnormal colour changes; that the colour layer does not scale and against rust through. The European part of Russia encompasses the area to the west of the Urals and north of latitude 53°.

Otherwise the following applies:

The guarantee applies in respect of the use of standard colours and in accordance with current data sheets in a normal environment and in respect of normal applications.

It may thus not be applied when plates are employed in particularly corrosive or aggressive environments, e.g. in air with a high salt content, in constant contact with water or where corrosive chemicals, corrosive smoke, condensation or ash, cement dust or animal dung can affect the plate surface.

The guarantee does not apply to the rear side's protective varnish or surfaces with improvement paint.

Edge corrosion on unprotected cut edges is a natural process for components in hot-dip galvanised sheet metal exposed to the outside environment and is normally not a justifiable reason for a complaint.

The guarantee does not apply if:

- 1. The incline on the roof or other surface is less than 1:10  $(5.7^{\circ})$ .
- 2. The applied processing temperature upon bending (i.e. the plate's temperature) is less than the current data sheet.
- 3. If the applied radii upon bending differ from the recommended value and also if the plate is strongly bent in reverse.
- 4. The plate or its coating is damaged mechanically or chemically (processing damage that caused the break in the paint layer must be rectified through repair painting by the fitter or the house owner)
- 5. Water cannot water cannot run off freely from all plate surfaces.
- 6. The plate is stored in the vicinity of, or employed in contact with, damp and corrosive material.
- 7. The plate is exposed to contact with copper or fluid outflow from copper pipes.
- 8. The plate is stored in damp conditions or outdoors.
- 9. If unsuitable fastening devices and sealing agents are employed.

- 10. Fitting and maintenance has not been undertaken in a professional manner or otherwise in accordance with current directions.
- 11. Collections of dirt or other layers and areas exposed to rain are not cleaned off in a professional manner.
- 12. The temperature has continuously exceeded the recommended maximum value.
- 13. Contact with wet concrete, wet timber, impregnated wood, earth or other damp surfaces has occurred.
- 14. The material has been fitted and processed later than 12 months from the invoice date.
- 15. Changes in colour and gloss that arise slowly and uniformly on the same surface and became exposed under equivalent conditions.
- 16. The owner has not kept records or carried out annual inspections. Areas cleaned of coverings (leaves, salt, sand etc.) and, in the event of damage, informed Mera System of observations made.

For this reason the guarantee does not cover damage of a greater extent than 10% of the area at the time of the inspection.

If justifiable claims are presented under this guarantee, Mera System Plåt will deliver, FCA-Anderslöv, new sheet metal as compensation for defective material. According to the guarantee, the responsibility for costs is limited to the original invoiced value of the claimed sheet metal delivery which is depreciated by 7,5 % for Nordic and by 5 % for GreenCoat Crown BT, GreenCoat Mica BT, GreenCoat PRO BT and aluminiumzink per calendar year utilised.

Adjustment of guarantee damage is made against the charging of new material in accordance with the current pricing with a deduction made for the remaining guarantee value. Cash adjustment of guarantee damage is not made.

Rusted through sheet metal resulting in a leakage will be replaced.

Mera System Plåt is, however, not liable in any instance for direct or indirect losses on the basis of such damage that is referred to under this guarantee.

A corresponding cover guarantee for replacement plates applies for the remaining part of the original guarantee period.

A pre-requisite for guarantee processing is that the plate material can be identified and that an invoice copy from Mera System Plåt can be presented.

Guarantee claims shall have been received by Mera System Plåt within 30 days of the time the defect or damage is observed by means of registered letter.

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