

Fully Hot Dipped Galvanized Chassis (HDG)

The fully galvanized (HDG) chassis is the **ONLY** chassis finish recommended for use in estuaries, coastal locations and areas with high salinity that does not require maintenance. Importantly, the Anti-Corrosion Warranty is **12** years from date of chassis manufacture.

The chassis components have been immersed into molten zinc to obtain a coating that is metallurgically bonded and will offer long term corrosion protection.

Galvanized steel is self-healing. The zinc corrodes in preference to steel and sacrifices itself.

Pre-Galvanized Chassis

This type of chassis is **NOT** a fully galvanised chassis. A pre galvanised chassis finish wherever located, without the appropriate inspection and maintenance can show signs of oxidization around the welds and edges. Galvanised sheets are cut and formed into the required chassis components, the edges of each component do not have the same levels of protection and therefore can show signs of surface rust or staining over time without the correct maintenance.

However, although the appearance of these chassis may look to be rusting around the welded joints and edges, levels of oxidization are normal and merely cosmetic, the structural integrity should not be affected and is guaranteed for 10 years.

Anti-Corrosion warranty categories from point of manufacture;

- Not sited within 5 miles of tidal waterway or other corrosive environment - 5 years warranty with inspection and maintenance recommended at 5 years.
- Sited within 5 miles of tidal waterway or other corrosive waterway and skirted - 5 years warranty with inspection and maintenance recommended at 5 years.
- Sited within 5 miles of tidal waterway or other corrosive waterway and NOT skirted - 5 years warranty with inspection and maintenance recommended at 3 years.

Painted Chassis

A significant percentage of homes are located near to the coast - So, it is important to know that a painted chassis is **NOT** recommended for estuaries, coastal and areas with high salinity.

Wherever located, without appropriate maintenance a painted chassis can show signs of surface rust after a relatively short period of time. However, although the cosmetic appearance of these chassis may look visually poor (rusty), their structural integrity should not be affected for 5 years.

The raw steel of the chassis is painted as the final operation in its manufacture. The painted option (of the 3 available) offers the least amount of protection to surface rust and subsequent metal corrosion.

It is recommended that annual inspection and potential maintenance be undertaken on a painted chassis.

Mechanical damage to the paint areas (due to moving or siting) can result in a significant reduction in the paint durability.

The Anti-Corrosion Warranty for a painted chassis is **2** years from date of chassis manufacture, or **1** year from point of sale to the end user dependant on which scenario occurs first. Please note that before any sale to the end user the proprietor of the unit is responsible for any maintenance that may be required.

Maintenance

Any affected area(s) of the chassis that may be showing signs of oxidization/surface rust, in particular around welded joints and edges should be rubbed down and over coated. Paint is available from Gateway Chassis Solutions Ltd, or alternatively a good rust inhibiting paint such as Hammerite can be used. It is recommended that this inspection and care be carried out annually.

Corner Steadies - require yearly clean and re-greasing to maintain full range of movement.

Wheels and Tyres - Wheels and stubs require annual greasing. Tyres should be supported off the floor and protected from direct sunlight. They should be inspected for pressure and damage prior to moving the home.

Tow Hitch - require annual clean and oiling.

Anti-Corrosion Warranty

The corrosion warranty does not cover cosmetic anomalies including the appearance of surface rust or white rust.

The warranty covers perforation of the steel components or loss of thickness such that the structural integrity of the unit is compromised.

The anti-corrosion warranty is provided on the basis that the maintenance requirements detailed herein are followed.

Siting

Care must be taken when turning the home, especially on tight corners. If tight corners have been identified, particularly for homes with two or more axles, all efforts must be made to reduce tyre scrubbing forces which may lead to tyre, wheel bearing and axle damage.

Exclusions to Warranty

- Damage caused during manufacture of home.
- Damage caused during siting of home.
- If the chassis is not transported in accordance with chassis manufacturer's instructions as shown using marked holding down anchor points.
- Any collision, impact or accident not caused by Gateway Chassis Solutions Limited.
- Warranty invalidated if attempts are made to modify or repair chassis without chassis manufacturer's written consent.
- Damage caused by abuse, neglect or misuse.
- Cosmetic blemishes (i.e. paint runs) will not give rise to a valid claim.
- Chassis must not be towed in excess of the maximum permitted speed as stated on the wheel.
- Sited not in accordance with NCC Code of Practice 501 guidelines.
- Painted chassis sited within 5 miles as the crow flies from a tidal waterway and or areas with high salinity or industrial pollution.
- Warranty invalidated if Gateway Chassis Solutions Ltd chassis ID plate has been removed or defaced.
- If at any time during its warranty life, the chassis is submerged either completely or partly due to flooding then any subsequent claims will be rejected.
- The appearance of surface oxidization or white rust will not be considered as a claim against the structural warranty.