

Frame & Truss Warranty

Overview

Cadsteel framing product will have a warranty of 50 years corrosion to perforation from the date of despatch, when used and maintained in accordance with Cadsteel guidelines as referred below:

STEEL SPECIFICATIONS	
Substrate	<i>Hot dipped aluminium-zinc coated steel</i>
Surface Condition	<i>Spangled</i>
Surface Treatment	<i>Passivated and Resin Coated</i>
Strength Grades	<i>G300, G450, G500, G550</i>

Terms and Conditions

- The products must be installed, used and maintained in strict accordance with relevant Cadsteel Pty Ltd guidelines, applicable industry standards and the National Construction Code current at the date of installation.
- All flashings, fasteners or components fixed to, or used with, the products must be manufactured from compatible materials.
- All fasteners used for fixing products must offer similar corrosion performance to the frame.
- Screw fasteners must be suitable for at least ISO 9223 Category 3.
- All design, fixing and handling of the framing system and components should be in accordance with the NASH Best Practice Handbook.
- With respect to proximity to salt marine influences, the warranty applies only if the host dwelling is located greater than 1000m from the high water mark of “surf” and/or “exposed” marine influences.
- All framing material must be used within a closed building envelope, including wall and roof framing and mid floor joists. This may be achieved via durable profile closure strips (or other equivalent performing solutions) at fascia, ridge, hip or valley as appropriate.
- Material must be located in a lined, dry environment and within ISO Categories typically defined by C1 to C3 (ie > 1000m from marine).

- The bottom plate of the frame must remain dry and not be subject to water exposure from internal or external sources. A waterproof membrane must be provided under the base plate walls and must be at least 10mm wider than the steel.
- Suitable separation is to be provided from any incompatible materials that may include, but not limited to concrete, treated timber with copper preservation, copper, stainless steel or other dissimilar metals. Care should also be taken to prevent retention of moisture by any adjoining building materials.
- Handling methods should be employed to ensure steel framing is not scratched, bent, or in any way damaged.
- Material must be kept in a dry environment and protected from corrosive substances.
- Steel framing should be erected and enveloped as soon as possible to minimise exposure to the elements.
- Framing to be dry and free of any dirt, debris and corrosion prior to installation of linings.
- Framing should not be exposed to welding or welding spatter.
- Wall sarking installed at the outer face of the framing is recommended, as this has the potential to provide several benefits, including providing secondary weather protection from moisture and airborne salts. It also allows the frame to be quickly wrapped and protected from the external environment.
- Wall and roof wraps should be fit for purpose and in accordance with the requirements of the National Construction Code and be used as per the manufacturer's guidelines and recommendations.
- Steel framing should be assessed routinely to monitor performance. Should any issues be detected, a corrosion resistant barrier coating can be applied to prolong design life.
- All maintenance should be carried out following the recommendations of the NASH Best Practice Handbook.

This warranty does not cover corrosion or perforation wholly or partly due to an event or cause beyond the reasonable control of Cadsteel Pty Ltd, including without limitation each of the following:

- Aesthetic surface corrosion including white corrosion product or red rust on cut edges;
- Degradation of the frame as a result of prolonged exposure to the external environment during storage, or erection and the intervening period prior to cladding of the structure;
- Failure of framing due to the retention of moisture by any adjoining building materials;
- Corrosion of the frame resulting from the degradation of other materials, components or corroded fasteners;
- Defects attributed to faulty design, method of manufacture or installation; mechanical, chemical or other damaged sustained during transport, handling, storage, erection or subsequent to erection;
- Contact with soil, ash, fertilizer, moisture retaining substances, lead or copper and other dissimilar metals, liquid from copper flashings or copper pipes, chemical or other agents, fumes, liquids or solids, green or wet timber or treated timber;
- Failure to remove debris and/or allow free drainage of water (including condensation);
- Failure to install, use and maintain the frame (including frame components outlined below) in accordance with industry guidelines and applicable industry standards;
- Installations subject to severe industrial or unusually corrosive environments at any time in the future;
- Accidental or intentional damage by a person or animal, earthquakes, hurricanes, tornadoes, cyclones, typhoons, gales, lightning, hail, fires, flood and other similarly extreme "acts of God";
- The application of post-applied paint treatments or systems to the end product.

This warranty does not include:

- Products used in the sub-floor space between a suspended floor of a building and the ground;
- Domestic dwellings incorporating unlined eaves;
- Roof battens;
- Labour costs associated with the removal of any defected end product, or installation of replacement products are not the liability of Cadsteel Pty Ltd.

To make a claim under this warranty, proof of ownership of the framing products must be provided. The owner of the host dwelling also grants the right of access to the building site to inspect and conduct such tests of the frame during the construction of the host dwelling as are necessary, and at any time after any claim is made.

References:

The National Association of Steel Framed Housing (NASH) has produced several fact sheets that outline some of the benefits of steel frames. These can be found on the NASH website (www.nash.asn.au/publications) under Publications and include:

(a) NASH Handbook - Best Practice for Design and Construction of Residential and Low Rise Steel Framing

(b) NASH N11 House Insulation Guide

Lodging a Warranty Claim

To make a claim under this warranty, contact Cadsteel Pty Ltd at PO Box 672 Sanctuary Cove QLD 4212.

All claims must be received within the applicable warranty period as set out above. Once your claim has been received, a Cadsteel representative will determine if your claim is valid and if so, advise how Cadsteel will attend to the claim. Cadsteel Pty Ltd is not responsible for any costs incurred by you in lodging a claim. Cadsteel Pty Ltd will require you to provide proof of purchase, promptly respond to any questions designed to determine the potential fault and follow Cadsteel Pty Ltd advice on rectifying any faults applicable under the warranty.