



**CAPITAL**  
Continuous Spouting  
0800 775 926

**Capital Continuous Spouting Ltd  
Guarantee**

31 Montgomery Crescent  
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Upper Hutt 5018  
[www.wellingtonspouting.co.nz](http://www.wellingtonspouting.co.nz)  
[ops@wellingtonspouting.co.nz](mailto:ops@wellingtonspouting.co.nz)

**Thank you for choosing Capital Continuous Spouting Limited**

Capital Continuous Spouting guarantees the installation and workmanship of our products installed for a period of 10 years from the date of installation. All materials used hold a 10 year warranty.

Failure of our products part or wholly due to the following causes are not covered by this guarantee:

1. All unwashed surfaces must be cleaned every 6 months.
2. Failure to remove debris leading to accumulation of moisture retaining matter in the spouting and downpipes.
3. Mechanical, chemical or other damage sustained subsequent to installation.
4. Storm or tempest or other causes beyond the control of Capital Continuous Spouting Ltd

Regards

Craig Wylie  
Managing Director  
[craig@wellingtonspouting.co.nz](mailto:craig@wellingtonspouting.co.nz)  
021 963 442  
0800 775 926 (Option 2)

# Cleaning and Maintenance

# Luxury Vinyl Planking

## Post-Installation Cleaning

- It is essential that wet adhesive be removed from the surface of the flooring immediately - using a damp cloth.

## Initial Clean

- To allow the adhesive to set, do not wash the floor for 72 hours after installation.
- When the adhesive has set, wash your Robert Malcolm floor with a neutral pH floor cleaner (available from your local flooring retailer). Follow the manufacturer's recommendations.

## Maintenance

- Vacuum or sweep your Robert Malcolm floor daily to remove any dirt or grit. This will prevent it scratching the floor or becoming ground in.
- Wipe up any spills immediately.
- Wash your Robert Malcolm floor regularly using a neutral pH floor cleaner, diluted as per the instructions on the bottle. Use a clean mop and for stubborn dirt and/or grime use a soft nylon scrubbing brush to work the dirt out. Make sure any excess water and/or dirt is removed with a clean cloth.
- For larger areas automatic cleaning appliances (i.e. scrubbing machine) can be used with your pH neutral cleaner and a red 3mm scrubbing pad. Ensure any excess water on your floor is wiped away with a cloth.
- **Steam Mops (of any kind) should not be used on this flooring – Using them will void the manufacturer's warranty.**

## Scratch Prevention

- Use felt pads on all chair and table legs.
- Use dirt stop mats at all external doors. Ensure these are kept clean in order to stay effective.
- Do not drag heavy appliances or furniture across your floor.

## Special Instructions

- Avoid using aerosol sprays or silicon based products, as they may result in the floor becoming slippery.
- Rubber can permanently stain any vinyl floorcovering. Avoid using rubber backed mats, furniture feet or wheels.

international  
flooring solutions

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robert malcolm



# ENGLEFIELD LIMITED WARRANTY

Kohler New Zealand Ltd. warrants that Englefield plumbing fixtures and fittings are warranted free of manufacturing defects for the following set periods from the date of purchase on the terms set out in the following warranty schedule.

Please see terms and conditions for important product care requirements.

## WARRANTY SCHEDULE

CATEGORY	NON COMMERCIAL USE
<b>SHOWER ENCLOSURES</b>	
Acrylic walls	5 years
Door and tray	5 years
Shower towers, seals and fittings	1 year
Easy Clean and Hi Flow waste	5 years (Removable elements, 2 years)
<b>BATHS AND SPAS</b>	
Acrylic shell	5 years
Electronic pumps	1 year
Other fitting and components	1 year
Wastes	1 year
<b>TOILETS AND BASINS</b>	
Ceramic cistern and pan (Excluding fill and flush valves)	10 years (First 5 years parts, labour and freight, year 5 to 10 parts only)
In wall cisterns (Excluding fill and flush valves)	15 years (First 5 years parts, labour and freight, year 5 to 15 parts only)
Fill and flush valve	2 years
Face plate/push plate (Including electronic parts)	5 years (Parts only)
Seal and washers	2 years
Toilet seat	2 years
Ceramic basins	10 years (First 5 years parts, labour and freight, years 5 to 10 parts only)
Bidet seats	3 years (Parts only)
<b>TAPWARE</b>	
Tapware (Excluding cartridges. Chrome finishes only)	15 years (First 10 years parts, labour and freight, years 10 to 15 parts only)
Flexible metal braided hoses	5 years
Shower heads, rails and hoses	5 years
Electronics parts	1 year

Continues overleaf...

# WARRANTY SCHEDULE CONTINUED

CATEGORY	NON COMMERCIAL USE
<b>BATHROOM FURNITURE</b>	
Cabinets and mirror cabinets	3 years
Vanity top	5 years
Electronic parts	1 year
<b>BATHROOM ACCESSORIES</b>	
Stainless steel, brass or zinc parts	10 years (Parts only)

## COMMERCIAL USE OF ENGLEFIELD BRANDED PRODUCTS

If the product is purchased for the purposes of a business, then all of the guarantees and remedies in the Consumer Guarantees Act 1993 are excluded and the Warranty periods and all other terms of the Warranty (as provided above) prevail.

Apart from the provisions of the Consumer Guarantees Act 1993 (which will apply in addition to the Warranty):

- the Warranty is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.
- Kohler New Zealand Ltd also disclaims any liability for special, incidental or consequential damages.
- the Warranty is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. Kohler New Zealand Ltd also disclaims any liability for special, incidental or consequential damages.

## TERMS AND CONDITIONS

- Kohler NZ Ltd will at its election, pursuant to its obligations under the Warranty:
  - Repair or replace the defective Englefield product or part
  - Pay the cost of repairing the defective product or part
  - Refund the purchase price to the purchaser
  - Make appropriate adjustment
- The Warranty applies only within New Zealand and only to the original purchaser;
- The following will not be covered by the Warranty:
  - Damage due to accident, improper installation or handling, improper care and cleaning, faulty repairs, alteration, abuse or misuse (whether undertaken by a contractor, service company, or the consumer);
  - Installed, maintained or used other than in accordance with the instructions furnished by Kohler NZ Ltd;
- Standard products may contain unavoidable manufacturing imperfections of a minor character and if a manufacturing defect is found, Kohler NZ Ltd will, at its election, refund the purchaser with the purchase price of the product or repair, provide a replacement part or product, or make an appropriate adjustment.
- The purchaser shall be responsible for and shall meet all charges in respect of making the defective product accessible for repair or replacement.
- Use of Cleaners. Use of chemicals such as bleach, hair dye, solvents, alcohol, citrus based chemicals, bath oils, bath salts or abrasive cleaners on any plastic part of your Englefield bath, shower or toilet seat will void the warranty. Warm soapy (detergent) water is the recommended cleaning method.
- Temperature. Hot water must be limited to a maximum of 55° C and

that any increase in temperature will void any Warranty.

- In-Line Filters. Kohler NZ Ltd specifies that in line water filters should be used with Englefield Tapware and that any damage to ceramic cartridges without the use of in line filters will void any warranty.
- Operating water pressures are in accordance to the instructions given by Kohler NZ Ltd.

## PURCHASE OF ENGLEFIELD PRODUCTS “IN TRADE”

Where the product is purchased by a party “in trade” then Kohler NZ Ltd and the “in trade” purchaser irrevocably agree for the purposes of the Consumer Guarantees Act 1993 (“CGA”), that:

- they are each in the business of trade;
- they each agree to contract out of the CGA and all of the guarantees and remedies provided for in the CGA are excluded;
- it is fair and reasonable that the parties are bound by these terms; and
- the Warranty period for the relevant products acquired is **12 months from the date of installation of the product except where relevant product is used within hotel, motel or rest home accommodation**. In those instances Kohler warrant its product free of manufacturing defects for the periods set out at the beginning of this document.
- All warranty offered under this “In Trade” category is limited to the cost of replacement product, packaging and freight.

If the “in trade” purchaser on sells the products to an end consumer that intends to use the products for “in trade” purposes (or holds him or herself out to be acquiring for a “in trade” purpose) (**a Business Consumer**) then the purchaser shall:

- include in the contract with the Business Consumer a provision (with the same content as the above provision) to contract out of the CGA; and
- Not make any representation concerning the description or specification of the products if it does not correspond with the actual description and specification of the products.

## INFORMATION REQUIRED WHEN MAKING A CLAIM

Please be sure to provide all pertinent information regarding your claim, including a complete description of the problem, the product, model number, colour, the date the product was purchased and from whom the product was purchased. Also include your original invoice.

## CONTACT DETAILS

If you believe that you have a Warranty claim, contact Englefield either through your plumbing supplies retailer, by writing to **Customer Service Department, Kohler New Zealand Ltd, PO Box 100-146 NSMC, Auckland** or email to [info@englefield.co.nz](mailto:info@englefield.co.nz)

For all other information, or to obtain the name and address of the service and repair facility nearest you please phone **0800 100 382**.

## Maintaining a garage door

Maintenance of your Dominator garage door and opener is critical to ensuring its smooth, quiet, reliable operation, and in most cases is necessary to ensure your warranty remains valid.

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### Doors

#### ZINCALUME AND COLOURED STEEL FINISH DOORS

Your coloured steel door has been pre-painted with a silicone modified polyester formulation, which is one of the best paint films available today. However good a product may be, all exposed surfaces require some attention to guard against corrosion and any other harmful atmospheric effects.

Washing the door with clean water and a cloth every 14 days is recommended. More frequent washing is advised in salty or industrial fallout areas.

REMEMBER, WHEN YOU THINK OF CLEANING YOUR CAR, THINK OF YOUR DOOR.

NOTE: DO NOT WASH THE AUTOMATIC OPENER, IT WILL VOID THE WARRANTY AND COULD CAUSE ELECTROCUTION.

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### Regular Maintenance Required

Note: If correct maintenance and servicing are not carried out, warranty may be void.

Dominator recommends that you check the operation of your door at least every three to six months (more regularly in extreme environments or frequent use). The effort required to manually open and to manually close the door should be about the same (if door has an automatic opener, put into manual mode before testing door).

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### Lubrication (every 3-6 months)

1. **Guide Tracks: (Rolling Doors)** Clean the internal sections of the guide tracks with a cloth dampened with mineral turps or methylated spirits. Polish vigorously to achieve a smooth, dirt and moisture resistant surface, allowing the Nylofelt to glide more easily. DO NOT USE GREASE OR OIL ON THE GUIDE TRACKS.  
**(Sectional Doors)** Should be cleaned as per rolling door instructions, but do not required polishing of the internal guide tracks.
  2. **Steel Hinges:** (If fitted). Sparingly lubricate with an all purpose machine oil. also lubricate wheel to axle bearings.
  3. **Plastic Hinges:** No lubrication is generally required, however silicon spray may be used if necessary.
  4. **Springs:** (Where accessible). Wipe over with an oily rag.
  5. **Locks:** Your lock does not require special maintenance, however if the key becomes stiff, a spray lubricant such as RP7 is recommended. Do not grease the lock.
  6. **Automatic Openers:** If you have an automatic opener fitted to your door it is important that you ensure the optimum operation of your door, otherwise you may reduce the effective life of the opener, and void your opener warranty. For more information refer to the maintenance schedule in your opener's instruction handbook.
  7. **Opener Chain:** Lubricate with Chain Lube.
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## Service and Repair

1. **Lifting Cables:** (If fitted). Check for wear through by rubbing. If there is fraying or signs of corrosion contact your local approved Dominator dealer. These cables are under extreme tension and should never be adjusted, except by fully trained Dominator Dealers.
2. **Fasteners:** Check all screws, nuts and bolts to ensure they are secure.
3. **Spring Tension:** It is natural for springs to lose tension. Should the door become hard to operate or completely inoperative, contact your local Dominator office, or call the Dominator dealer who installed your door.

To keep your door running well, it is recommended that your door be serviced by an experienced technician, every 12 months or earlier if required. Contact your local Dominator Dealer for more advice on servicing.

### WARNING

The spring unit is under tension at all times and should never be adjusted, except by approved, fully trained Dominator dealers. No operator or other person should ever stand directly in the path of the door in its downward travel or walk through doorway while door is moving. Always use the door handle to manually operate the door. If the door is now or later becomes automatically operated, the pull down rope on the door must be removed.

DO NOT PLACE YOUR FINGERS NEAR ANY MOVING PARTS OR BETWEEN THE DOOR PANELS WHEN THE DOOR IS OPERATING EITHER AUTOMATICALLY OR MANUALLY.

## Cedar Garage Doors WoodOil Application Instructions



WoodOil is pre-applied to our garage doors unless otherwise requested.

This precoat is done using WoodOil clear for protection during transportation, installation and new site development; the door should then be cleaned if necessary and coated with a second application on completion of site activity in clear or Colourtone depending upon desired results.

The use of WoodOil on Dominator Cedar Garage Doors protects and seals the timbers from environmental debris. It will not crack or peel from the surface. It will not let water ingress into the timber, thus reducing watermarks and keeping the moisture content in the timbers low reducing the weight load on the motor and door frame.

Re-application of Dryden's WoodOil is recommended at up to two years after the second coat to the areas where the surface exhibits signs of losing the capability to "bead water" or Colourtone has faded –Visit [www.woodoil.co.nz](http://www.woodoil.co.nz) or ph: 0800-379-336

## Openers

It is important to note that your opener warranty can be voided if you fail to maintain both your opener and your door. If you have an automatic opener fitted to your door it is important that you ensure the optimum operation of your door. Otherwise you may reduce the effective life of the opener.



## Coating Warranty to support a Construction (PS3) Producer Statement

Valspar Paint (NZ) Limited source and use the best possible raw materials available from around the world in the manufacture of its paint products. The ingredients procured for our premium paints are sourced from some of the largest branded corporate suppliers globally and we are proud to incorporate them in our superior finished coatings.

Valspar Paint (NZ) Limited warrants that its opaque film forming Valspar, Wattyl, Granosite and Taubmans paint products formulated for exterior use, when used in accordance with current published specifications as per Valspar, Wattyl, Granosite and Taubmans Product Manuals, will perform in accordance with the NZBC durability section B2.3.1(c) and external moisture section E2.3.2 for a period of five years from the date of application.

Over and above this General Coating Warranty, Valspar Paint (NZ) Limited can provide additional extended warranties on selected products as follows;

**Wattyl Solagard** - ten or fifteen years from the date of completion, as per the terms printed on every can of Solagard, and covers any defect in manufacture resulting in peeling, flaking or blistering of the paint film.

**Taubmans SunProof** - twelve years from the date of completion, as per the terms printed on every can of SunProof, and covers any defect in manufacture resulting in peeling, flaking or blistering of the paint film.

**Granosite Coating Systems** – seven year renewable, recoat with Granosite finish at year 7.

**Granosite Cladding Systems** – fifteen year consisting of a 7 + 8 year warranty. This warranty is updated between year 7 and 8 by recoating with the appropriate Granosite Finish.

These Warranties are subject to the applicator certifying that the substrate was suitable for the application of the specified system/s and that the applicator will provide a workmanship warranty for a similar period of time and warrant that they (the applicator) will re-apply the specified coating system if repairs are necessary under the warranty. This workmanship warranty validates this Valspar Paint (NZ) Limited warranty. These warranties apply to all opaque film forming products manufactured by Valspar Paint (NZ) Limited and are applicable where representatives from Valspar Paint (NZ) Limited have had an opportunity to provide site assistance during the course of application or where reliable evidence is presented that confirms that recommended systems and procedures have been followed.

The Granosite warranties are subject to an annual chemical/cleaner wash and an inspection for weather-tightness, with repairs as necessary. The annual inspection for weather-tightness should be carried out by a person with sufficient experience to identify any maintenance required.

### Warranty Conditions

Warranties do not cover paint film breakdown partially or wholly due to the following causes

1. Damage caused by movement of the substrate or structural cracking
2. Damage caused by hydrostatic pressure or entrapped moisture
3. Damage caused by maltreatment, such as mechanical damage, either during installation or at some subsequent time
4. Damage caused by faulty design and/or construction of the premises leading to weather tightness issues
5. Failure due to faulty application
6. Natural weathering, loss of gloss, colour change or fair wear and tear
7. Failure to carry out the annual inspection as described.
8. Failure of other components not supplied by Wattyl including underlying coats of paint.
9. Acts of God.

**The liability of Valspar Paint (NZ) Limited under any Warranty claim arising from a fault in the product supplied by Valspar Paint (NZ) Limited is limited to re-supply and re-application of the coating materials only.**

Donald Randles  
Technical Manager  
Valspar Paint (NZ) Ltd

This warranty is conditional upon the Valspar Paint (NZ) Limited standard "Conditions of Sale" and is in lieu of all other warranties and/or conditions, whether expressed or implied and all other obligations other than warranties or conditions which arise by operation of law and are not capable of being negated or modified by agreement, and nothing contained in this warranty is intended to limit or replace any rights the customer has under the Consumer Guarantees Act 1993.

# GIB® Product and System Warranty

## WE ARE 100% BEHIND OUR PRODUCTS AND SYSTEMS

If any of our products or systems\* fail to perform as claimed or an issue associated with any GIB® product or system does occur, Winstone Wallboards will work with the relevant parties to help resolve the issue.

## YOU'RE PROTECTED WITH GIB® PLASTERBOARD SYSTEMS



**BRANZ Appraised**  
Appraisal Nos. 289 [2012],  
294 [2011], 394 [2006], 427 [2007]

For over 85 years, building professionals have relied on GIB® plasterboard systems. Locally made for local conditions, they meet or exceed the New Zealand building code, are BRANZ appraised and are backed by full technical information and

support to give complete confidence in using GIB® Plasterboard Systems\*.

Winstone Wallboards is committed through its heavy investment in quality management and technical support to ensure that GIB® products and systems perform as claimed. Comprehensive statements of 'fitness for purpose', functional performance and code compliance (including durability) are contained in GIB® literature and in the relevant BRANZ Appraisal.

## SYSTEM AND PRODUCT COMPONENTS

A system is a group of related product components that interact to perform a task. Ensure the full GIB® building system, including the appropriate GIB® branded products, are specified and installed. This will ensure performance is not compromised and that any failure that is attributable to GIB® products and/or systems will be supported. Winstone Wallboards is unable to support system performance where substitute products are used as these have not been tested by us as part of our systems and we cannot be responsible for the ongoing quality and performance of these products.

*\*When installed and maintained strictly in accordance with the relevant Winstone Wallboards literature current at the time of installation and under normal conditions of dry internal use.*

## PRODUCT AND SYSTEM WARRANTY



The Winstone Wallboards warranty covers GIB® products and/or systems for a minimum of 10 years from the date of purchase. Individual GIB® products are always covered by the GIB® product warranty even if

these are not used as part of a full GIB® system. Winstone Wallboards warrants that GIB® products will be free from defects caused by factory workmanship or materials and, subject to compliance with the conditions attached, that the product or system will perform to the extent set out in relevant Winstone Wallboards published literature current at the time of installation. Nothing in this document shall exclude or modify any legal rights a customer may have under the Consumer Guarantees Act or otherwise which cannot be excluded or modified at law. This Product and System Warranty is transferable to subsequent owners of the building.

## NZ BUILDING CODE CLAUSE B2 - DURABILITY

The Building Code sets the required durability standard for specific elements of building work. Clause B2 Durability aims to ensure that building elements and buildings are durable enough so all other objectives of the Building Code are satisfied throughout the life of the building, without the need for reconstruction or major renovation.

## GIB® SYSTEMS DURABILITY

The following systems have, unless stated otherwise in the technical literature, a serviceability life in excess of that stated and satisfy the requirements of NZBC Clause B2 Durability.

### 15 YEARS

- GIB Aqualine® Wet Area Systems

### 50 YEARS

- GIB® Fire Rated Systems
- GIB EzyBrace® Systems
- GIB X-Block® Systems
- GIB Noise Control® Systems

*David Thomas*

**David Thomas**  
General Manager





## CONDITIONS OF WARRANTY:

This warranty is subject to the following conditions:

(a) Receipt of your written claim as soon as practicable but in any event within 30 days after the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation. We may also request written proof of purchase as a condition to considering your claim;

(b) The project must be designed and constructed in strict compliance with all relevant provisions of the current New Zealand Building Code, and in compliance with other regulations and standards that apply to the project;

(c) This warranty only applies to the initial application of the product and/or system where used and maintained in accordance with the relevant Winstone Wallboards product and/or system literature (including GIB® Site Guide instructions, GIB® Systems details and GIB® Plasterboard Lining Systems Care and Maintenance document), other manufacturers' instructions (where applicable if the GIB® products and/or systems are attached to, or dependent on, other manufacturers' products) and good trade practices current at the time of installation, under normal conditions of dry internal use, and does not apply to reuse of any product after initial installation;

(d) If a claim under this warranty is covered, we will work with you to find a solution, which might involve product replacement and assistance with replacement work. Any recoating of GIB® products may result in slight colour differences between the original and replacement GIB® products. Depending on the situation, notwithstanding the foregoing, Winstone Wallboards will, at its option, (1) supply replacement product, (2) rectify the affected product or (3) pay for the cost of the replacement of the affected product. Winstone Wallboards will not be liable for any losses or damages arising as a result of the breach of warranty or the defective product or systems, other than as set out in this paragraph (d);

(e) This warranty does not apply to, and Winstone Wallboards will not be liable for, any claims, damages or defects arising from or in any way attributable to events outside of Winstone Wallboards' control including, but not limited to, poor workmanship and poor design or detailing, settlement or structural movement and/or movement of materials to which the product is attached or dependent on, performance of paint/coatings applied to the product, normal wear and tear, organisms or growths on or within the product, or any acts of God;

(f) To the extent permitted by law, all warranties, conditions, liabilities and obligations other than those specified in this warranty are excluded.

**Before using this publication check whether it is the current publication by calling the GIB® Helpline weekdays on 0800 100 442 or visit [www.gib.co.nz](http://www.gib.co.nz).**

**Note:** To obtain copies of Winstone Wallboards Ltd literature or BRANZ Appraisals, please contact the GIB® Technical Help Line 0800 100 442 or download from [www.gib.co.nz](http://www.gib.co.nz). Related BRANZ Appraisals can also be downloaded from [www.branz.co.nz/appraisals](http://www.branz.co.nz/appraisals).

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Fax: 0800 229 222

# Heat Pump / Air Conditioning Warranty



This Warranty applies to Mitsubishi Electric Heat Pump / Air Conditioning Products, Accessories and Peripherals sold by Black Diamond Technologies Limited in New Zealand.

## Warranty Conditions:

The Mitsubishi Electric Heat Pump / Air Conditioning equipment is warranted by Black Diamond Technologies Limited against defects in materials and workmanship as follows:

Product		Warranty Term
Air Conditioning (M & S-Series) Split System Type		5 Year Parts and Labour
Air Conditioning (P-Series)	Domestic Install	5 Year Parts and Labour
	Commercial Install*	3 Year Parts and Labour

\*Including high sensible heat load applications and server rooms

City Multi (VRF)	1 Year Parts and Labour
Close Control (Computer Room) Systems	1 Year Parts and Labour
Air Curtains	1 Year Parts and Labour
Lossnay, Energy Recovery Ventilation (VL & LGH-Series)	1 Year Parts and Labour
Hot Water Heat Pumps	1 Year Parts and Labour
Accessories and Peripherals	1 Year Parts and Labour
Ventilation Fans	1 Year Parts and Labour

Warranty commences from the date the equipment is purchased and is applicable to the original purchaser. Equipment defects covered by this warranty will be repaired or replaced at the discretion of Black Diamond Technologies Limited without cost to the owner for parts or direct repair labour. A Black Diamond Technologies Limited authorized repair company shall carry out the repair or replacement during normal business hours.

Any Mitsubishi Electric parts or equipment replaced under the warranty will be warranted in accordance with the provisions of this warranty for the remainder of the original warranty period or 12 months from the completion of the repair, whichever is the greater.

Except where inconsistent with the owners statutory rights and the rights given by this warranty, all other warranties and all liability of Black Diamond Technologies Limited for any loss or damage direct and consequential is expressly excluded.

*Win!*

Visit [www.mitsubishi-electric.co.nz/warranty](http://www.mitsubishi-electric.co.nz/warranty) to register your heat pump.

We also run regular competitions online, so check in for your chance to win!

## Special Exclusions:

1. Any product imported by an individual or distributor other than Black Diamond Technologies Limited, is not covered under this warranty.
2. Any labour costs inflated by difficult access to outdoor unit, and any extra costs due to difficult access to equipment. Any costs or additional labour associated with gaining acceptable service access to equipment installed in restricted or unsafe locations. Includes crane, lift platform, hiab costs where access necessitates the use of this equipment.
3. Please be aware that all Air Conditioners / Heat Pumps installed in a corrosive environment (e.g. sea air, industrial or geothermal sulphur contamination environments) should be treated with additional corrosion protection prior to installation. Damage resulting from failure to protect the unit for the corrosive environment will void this warranty.
4. Product that is no longer installed in its original location.
5. Equipment that has been re-installed at a location other than the original location.
6. Freight charges (including insurance) or travelling costs for repairs performed outside the area normally serviced by Black Diamond Technologies Limited or an authorized repair company (maximum of 100km round trip).
7. Equipment installed in a transportable or mobile application (e.g. caravan, truck, trailer or marine application).
8. Any consumable item (e.g. batteries, filters, v-belts) supplied with the equipment.

In addition, this warranty excludes damage or problems or unsatisfactory performance caused to the equipment by:

- a. faulty or incorrect electrical wiring, incorrect power supply, voltage fluctuations, over voltage transient spikes or electromagnetic interference not originating within the equipment.
  - b. the use of an accessory, component or equipment not supplied by Black Diamond Technologies Limited.
  - c. incorrect or poor installation or application.
  - d. flood, fire storm, vandalism, misuse, negligence, acts of God, war, earthquake, vermin or foreign matter (dirt, moisture) entering the equipment, or any outside agency.
  - e. in an environment where the climate comfort of humans is not the primary function of the equipment (e.g. high sensible server rooms).
  - f. operation at conditions outside the operating conditions specified in the Mitsubishi Electric technical or sales data applicable to that equipment.
9. Warranty on P-Series units will not be excluded when installed into high sensible heat load applications (computer rooms, etc.) with exception to the following exclusions and conditions which are in addition to the normal special exclusions and owners responsibilities already identified in this document:
    - a. BDT will not cover any costs relating to loss or damage or down time of third party equipment or processes that have failed due to a problem associated to equipment supplied by BDT. (When temperature control is critical, 100% redundancy / backup is strongly recommended).
    - b. Systems must be correctly sized to the sensible heat load for the area in which it is being installed.
    - c. Systems installed must be standalone plant (i.e. not connected to a multi-head or City Multi system).
    - d. Duty/standby is required in applications that have redundancy/backup systems.
    - e. Regular documented maintenance schedules must be available on request.

## Owner's Responsibility:

The owner is responsible for the correct operation and regular maintenance of the equipment listed on this warranty card. The correction of any non-product fault or problem is not covered by the warranty.

1. Regular cleaning of the air filter(s) and replacement where necessary.
2. Operation and maintenance of the equipment in accordance with the operating instructions.
3. Ensuring the condensate drain is kept clean.
4. Ensuring the air inlet and outlet on the outdoor unit is kept clear of any obstructions (dirt, leaves, plants).
5. Replacement of exhausted batteries.
6. The application of additional corrosive protection if the product is installed in a corrosive environment (e.g. sea air, industrial environment, geothermal sulphur contamination).

## Owner's Statutory Rights:

In respect of any goods supplied under the contract which are not of a kind ordinarily acquired for personal domestic or household use or consumption, unless the owner establishes the following limitation of liability would not be fair or reasonable, the liability of Black Diamond Technologies Limited for any defect of design, materials or workmanship will be limited to any of the following as determined by Black Diamond Technologies Limited:

1. Replacing the equipment or supplying the equivalent equipment.
2. Repairing the equipment.
3. Paying the cost of replacing the equipment or acquiring equivalent equipment.
4. Paying the cost of having the equipment repaired.

# Product Warranty

## February 2013

James Hardie New Zealand ("James Hardie") warrants for a period of 15 years from the date of purchase that the Villaboard® Lining (the "Product"), will be free from defects due to defective factory workmanship or materials and, subject to compliance with the conditions below, will be resistant to cracking, rotting, fire and damage from termite attacks to the extent set out in James Hardie's relevant published literature current at the time of installation. James Hardie warrants for a period of 15 years from the date of purchase that the accessories supplied by James Hardie will be free from defects due to defective factory workmanship or materials.

Nothing in this document shall exclude or modify any legal rights a customer may have under the Consumer Guarantees Act or otherwise which cannot be excluded or modified at law.

## CONDITIONS OF WARRANTY:

The warranty is strictly subject to the following conditions:

- a) James Hardie will not be liable for breach of warranty unless the claimant provides proof of purchase and makes a written claim either within 30 days after the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation;
- b) this warranty is not transferable;
- c) the Product must be installed and maintained strictly in accordance with the relevant James Hardie literature current at the time of installation and must be installed in conjunction with the components or products specified in the literature. Further, all other products, including coating and jointing systems, applied to or used in conjunction with the Product must be applied or installed and maintained strictly in accordance with the relevant manufacturer's instructions and good trade practice;
- d) the project must be designed and constructed in strict compliance with all relevant provisions of the current New Zealand Building Code (NZBC), regulations and standards;
- e) the claimant's sole remedy for breach of warranty is (at James Hardie's option) that James Hardie will either supply replacement product, rectify the affected product or pay for the cost of the replacement or rectification of the affected product;
- f) James Hardie will not be liable for any losses or damages (whether direct or indirect) including property damage or personal injury, consequential loss, economic loss or loss of profits, arising in contract or negligence or howsoever arising. Without limiting the foregoing James Hardie will not be liable for any claims, damages or defects arising from or in any way attributable to poor workmanship, poor design or detailing, settlement or structural movement and/or movement of materials to which the Product is attached, incorrect design of the structure, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions or unusual climatic conditions, efflorescence or performance of paint/coatings applied to the Product, normal wear and tear, growth of mould, mildew, fungi, bacteria, or any organism on any Product surface or Product (whether on the exposed or unexposed surfaces);
- g) all warranties, conditions, liabilities and obligations other than those specified in this warranty are excluded to the fullest extent allowed by law;
- h) if meeting a claim under this warranty involves re-coating of Products, there may be slight colour differences between the original and replacement Products due to the effects of weathering and variations in materials over time.

Disclaimer: The recommendations in James Hardie's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to conditions (c), (d), (f) and (g) above. James Hardie has tested the performance of the Villaboard® Lining when installed in accordance with the Villaboard® Lining installation manual, in accordance with the standards and verification methods required by the NZBC and those test results demonstrate the product complies with the performance criteria established by the NZBC. However, as the successful performance of the relevant system depends on numerous factors outside the control of James Hardie (e.g. quality of workmanship and design) James Hardie shall not be liable for the recommendations made in its literature and the performance of the relevant system, including its suitability for any purpose or ability to satisfy the relevant provisions of the NZBC, regulations and standards, as it is the responsibility of the building designer to ensure that the details and recommendations provided in the relevant James Hardie installation manual are suitable for the intended project and that specific design is conducted where appropriate.

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# Product Warranty



## February 2013

James Hardie New Zealand ("James Hardie") warrants for a period of 15 years from the date of purchase that the Scyon® Stria® Cladding and CLD® Structural Cavity Batten (the "Product"), will be free from defects due to defective factory workmanship or materials and, subject to compliance with the conditions below, will be resistant to cracking, rotting, fire and damage from termite attacks to the extent set out in James Hardie's relevant published literature current at the time of installation. James Hardie warrants for a period of 15 years from the date of purchase that the accessories supplied by James Hardie will be free from defects due to defective factory workmanship or materials.

Nothing in this document shall exclude or modify any legal rights a customer may have under the Trade Practices Act or otherwise which cannot be excluded or modified at law.

## CONDITIONS OF WARRANTY:

The warranty is strictly subject to the following conditions:

- a) James Hardie will not be liable for breach of warranty unless the claimant provides proof of purchase and makes a written claim either within 30 days after the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation;
- b) this warranty is not transferable;
- c) the Product must be installed and maintained strictly in accordance with the relevant James Hardie literature current at the time of installation and must be installed in conjunction with the components or products specified in the literature. Further, all other products, including coating and jointing systems, applied to or used in conjunction with the Product must be applied or installed and maintained strictly in accordance with the relevant manufacturer's instructions and good trade practice;
- d) the project must be designed and constructed in strict compliance with all relevant provisions of the current New Zealand Building Code ("NZBC"), regulations and standards;
- e) the claimant's sole remedy for breach of warranty is (at James Hardie's option) that James Hardie will either supply replacement product, rectify the affected product or pay for the cost of the replacement or rectification of the affected product;
- f) James Hardie will not be liable for any losses or damages (whether direct or indirect) including property damage or personal injury, consequential loss, economic loss or loss of profits, arising in contract or negligence or howsoever arising. Without limiting the foregoing James Hardie will not be liable for any claims, damages or defects arising from or in any way attributable to poor workmanship, poor design or detailing, settlement or structural movement and/or movement of materials to which the Product is attached, incorrect design of the structure, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions or unusual climatic conditions, efflorescence or performance of paint/coatings applied to the Product, normal wear and tear, growth of mould, mildew, fungi, bacteria, or any organism on any Product surface or Product (whether on the exposed or unexposed surfaces);
- g) all warranties, conditions, liabilities and obligations other than those specified in this warranty are excluded to the fullest extent allowed by law;
- h) if meeting a claim under this warranty involves re-coating of Products, there may be slight colour differences between the original and replacement Products due to the effects of weathering and variations in materials over time.

Disclaimer: The recommendations in James Hardie's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to conditions (c), (d), (f) and (g) above. James Hardie has tested the performance of the Scyon® Stria® Cladding and CLD® Structural Cavity Batten when installed in accordance with the Scyon® Stria® Cladding and CLD® Structural Cavity Batten technical specification, in accordance with the standards and verification methods required by the NZBC and those test results demonstrate the product complies with the performance criteria established by the NZBC. However, as the successful performance of the relevant system depends on numerous factors outside the control of James Hardie (e.g. quality of workmanship and design) James Hardie shall not be liable for the recommendations made in its literature and the performance of the relevant system, including its suitability for any purpose or ability to satisfy the relevant provisions of the NZBC, regulations and standards, as it is the responsibility of the building designer to ensure that the details and recommendations provided in the relevant James Hardie installation manual are suitable for the intended project and that specific design is conducted where appropriate.

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Ask James Hardie

|| 0800 808 868

www.jameshardie.co.nz



**James Hardie**  
a smarter way™

# Product Warranty



## May 2013

James Hardie New Zealand ("James Hardie") warrants for a period of 15 years from the date of purchase that the Scyon® Axon® Panel and CLD Structural Cavity Battens (the "Product"), will be free from defects due to defective factory workmanship or materials and, subject to compliance with the conditions below, will be resistant to cracking, rotting, fire and damage from termite attacks to the extent set out in James Hardie's relevant published literature current at the time of installation. James Hardie warrants for a period of 15 years from the date of purchase that the accessories supplied by James Hardie will be free from defects due to defective factory workmanship or materials.

Nothing in this document shall exclude or modify any legal rights a customer may have under the Consumer Guarantees Act or otherwise which cannot be excluded or modified at law.

## CONDITIONS OF WARRANTY:

The warranty is strictly subject to the following conditions:

- a) James Hardie will not be liable for breach of warranty unless the claimant provides proof of purchase and makes a written claim either within 30 days after the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation.
- b) This warranty is not transferable.
- c) The Product must be installed and maintained strictly in accordance with the relevant James Hardie literature current at the time of installation and must be installed in conjunction with the components or products specified in the literature. Further, all other products, including coating and jointing systems, applied to or used in conjunction with the Product must be applied or installed and maintained strictly in accordance with the relevant manufacturer's instructions and good trade practice.
- d) The project must be designed and constructed in strict compliance with all relevant provisions of the current New Zealand Building Code ("NZBC"), regulations and standards.
- e) The claimant's sole remedy for breach of warranty is (at James Hardie's option) that James Hardie will either supply replacement product, rectify the affected product or pay for the cost of the replacement or rectification of the affected product.
- f) James Hardie will not be liable for any losses or damages (whether direct or indirect) including property damage or personal injury, consequential loss, economic loss or loss of profits, arising in contract or negligence or howsoever arising. Without limiting the foregoing James Hardie will not be liable for any claims, damages or defects arising from or in any way attributable to poor workmanship, poor design or detailing, settlement or structural movement and/or movement of materials to which the Product is attached, incorrect design of the structure, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions or unusual climatic conditions, efflorescence or performance of paint/coatings applied to the Product, normal wear and tear, growth of mould, mildew, fungi, bacteria, or any organism on any Product surface or Product (whether on the exposed or unexposed surfaces).
- g) All warranties, conditions, liabilities and obligations other than those specified in this warranty are excluded to the fullest extent allowed by law.
- h) If meeting a claim under this warranty involves re-coating of Products, there may be slight colour differences between the original and replacement Products due to the effects of weathering and variations in materials over time.

Disclaimer: The recommendations in James Hardie's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to conditions (c), (d), (f) and (g) above. James Hardie has tested the performance of the Scyon® Axon® Panel when installed in accordance with the Scyon® Axon® Panel technical specification, in accordance with the standards and verification methods required by the NZBC and those test results demonstrate the product complies with the performance criteria established by the NZBC. However, as the successful performance of the relevant system depends on numerous factors outside the control of James Hardie (e.g. quality of workmanship and design) James Hardie shall not be liable for the recommendations made in its literature and the performance of the relevant system, including its suitability for any purpose or ability to satisfy the relevant provisions of the NZBC, regulations and standards, as it is the responsibility of the building designer to ensure that the details and recommendations provided in the relevant James Hardie installation manual are suitable for the intended project and that specific design is conducted where appropriate.

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[www.jameshardie.co.nz](http://www.jameshardie.co.nz)





# Product Warranty



## March 2014

Warranty: James Hardie New Zealand ("James Hardie") warrants for a period of 25 years from the date of purchase that the Scyon® Linea® Weatherboard (the "Product"), will be free from defects due to defective factory workmanship or materials and, subject to compliance with the conditions below, will be resistant to cracking, rotting, fire and damage from termite attacks to the extent set out in James Hardie's relevant published literature current at the time of installation. James Hardie warrants for a period of 15 years from the date of purchase that the Scyon® Axent™ Trim and accessories supplied by James Hardie will be free from defects due to defective factory workmanship or materials.

Nothing in this document shall exclude or modify any legal rights a customer may have under the Consumer Guarantees Act or otherwise which cannot be excluded or modified at law.

## CONDITIONS OF WARRANTY:

The warranty is strictly subject to the following conditions:

- a) James Hardie will not be liable for breach of warranty unless the claimant provides proof of purchase and makes a written claim either within 30 days after the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation.
- b) This warranty is not transferable.
- c) The Product must be installed and maintained strictly in accordance with the relevant James Hardie literature current at the time of installation and must be installed in conjunction with the components or products specified in the literature. Further, all other products, including coating and jointing systems, applied to or used in conjunction with the Product must be applied or installed and maintained strictly in accordance with the relevant manufacturer's instructions and good trade practice.
- d) The project must be designed and constructed in strict compliance with all relevant provisions of the current New Zealand Building Code ("NZBC"), regulations and standards.
- e) The claimant's sole remedy for breach of warranty is (at James Hardie's option) that James Hardie will either supply replacement product, rectify the affected product or pay for the cost of the replacement or rectification of the affected product.
- f) James Hardie will not be liable for any losses or damages (whether direct or indirect) including property damage or personal injury, consequential loss, economic loss or loss of profits, arising in contract or negligence or howsoever arising. Without limiting the foregoing James Hardie will not be liable for any claims, damages or defects arising from or in any way attributable to poor workmanship, poor design or detailing, settlement or structural movement and/or movement of materials to which the Product is attached, incorrect design of the structure, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions or unusual climatic conditions, efflorescence or performance of paint/coatings applied to the Product, normal wear and tear, growth of mould, mildew, fungi, bacteria, or any organism on any Product surface or Product (whether on the exposed or unexposed surfaces).
- g) All warranties, conditions, liabilities and obligations other than those specified in this warranty are excluded to the fullest extent allowed by law.
- h) If meeting a claim under this warranty involves re-coating of Products, there may be slight colour differences between the original and replacement Products due to the effects of weathering and variations in materials over time.

Disclaimer: The recommendations in James Hardie's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to conditions (c), (d), (f) and (g) above. James Hardie has tested the performance of Scyon® Linea® Weatherboard when installed in accordance with the Scyon® Linea® Weatherboard technical specification, in accordance with the standards and verification methods required by the NZBC and those test results demonstrate the product complies with the performance criteria established by the NZBC. However, as the successful performance of the relevant system depends on numerous factors outside the control of James Hardie (e.g. quality of workmanship and design) James Hardie shall not be liable for the recommendations made in its literature and the performance of the relevant system, including its suitability for any purpose or ability to satisfy the relevant provisions of the NZBC, regulations and standards, as it is the responsibility of the building designer to ensure that the details and recommendations provided in the relevant James Hardie installation manual are suitable for the intended project and that specific design is conducted where appropriate.

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# CONGRATULATIONS ON PURCHASING YOUR NEW FRIDAY HOMES HOME

Your kitchen appliances have been engineered to meet the stringent New Zealand compliance regulations and have been installed by qualified trades people.

Although you may have purchased quality products which carry a 24 month manufactures warranty, from time to time appliances breakdown and will need to be repaired. Below are contact details to help with requesting a service technician.

**Source Direct Ltd**  
**T/A 100% Appliance Central**  
**Phone: (04) 568 3353**



Your 100% Appliance commercial invoice number is \_\_\_\_\_ and will be provided to the service agent on your behalf.

As a valued client of Friday Homes, we are also able to offer you exclusive pricing on other house hold purchases to compliment your new home.

**Please contact your Friday Homes team for further details:**

**Phone: 0800 374 329**

**Email: [enquiries@fridayhomes.co.nz](mailto:enquiries@fridayhomes.co.nz)**

Please also see included appliance manual's for operating instructions and handy tips on care and maintenance to get the best from your appliance.



# CARE AND MAINTENANCE TIPS FOR YOUR NEW KITCHEN APPLIANCES

The following are tips and suggestions that are designed to help maintain the appearance and functionality of your new appliances, and are in no way intended to replace the information provided in your appliance user manual. We suggest reading your appliance manuals before operating.

## GENERAL CLEANING OF YOUR APPLIANCE

We suggest the use of a soft damp micro fibre cloth used with water which should be sufficient on all stainless steel surfaces and dry with a clean cloth, when cleaning the surface of your appliance, always wipe with the grain of the stainless steel, avoid using any harsh chemicals such as caustic based or chlorine based cleaners as these will damage the stainless steel. (Dedicated stainless steel cleaners are also available from the supermarket)

## OVENS WITH ECO CLEAN OR CATALYTIC LINERS

Some ovens have catalytic liners pre-installed in them to aid in keeping the interior of the oven clean. These liners are easily damaged by oven cleaners and it is recommended to avoid making contact with the liner with any cleaning agents as this will shorten the life of the liner, or may result in permanently damaging them. Please refer to your appliance manual for cleaning instructions.

## OVENS WITHOUT ECO OR CATALYTIC LINERS

These ovens can be cleaned using domestic oven cleaners available from the supermarket, but please refer to the manufactures directions for safety advise and cleaning recommendations.

## COOK-TOPS - CERAN, CERAMIC OR GLASS - INCLUDING INDUCTION COOK TOPS

Never over fill or overload a pot or fry pan you are using as this may cause a spill over onto your cook-top. Clean up any spills after your cook-top has cooled down and the residual heat indicator light has gone out, this will aid in keeping your cook-top looking new. Use of a ceramic cook-top cleaner is also a good idea, also available from your local supermarket. Please avoid using a scouring pad as these may scratch or damage the glass surface.

## GAS COOK-TOPS

Like ceramic cook tops, never over load pots or fry pans as this will cause them to spill over. Always clean your gas cook-top once it is completely cold, removing the trivets gently to avoid damaging the stainless steel surface - a microfiber cloth or stainless steel cleaner is recommended.

## DISHWASHERS

Never use dishwashing liquid in your dishwasher as this will cause excessive soap suds which may spill out into your kitchen or damage your dishwasher. We recommended dishwasher powder and rinse aid or dishwasher tablets with rinse aid. Your dishwasher will have filters that need to be regularly cleaned - refer to you manual to their location and how many filters your model dishwasher has. We also recommend the use of a dishwasher cleaner to help maintain the interior and internal pipes in your dishwasher - these are available from the supermarket.

## WASTE DISPOSALS

Always have the water running when using your waste disposal and avoid over loading. Banana peels and onion skins may jamb your waste disposal depending on the power - refer to the manual for your waste disposal capabilities. For best results run the cold water for 30 seconds after your turn it off to ensure the drain pipe is kept free of debris.



KITCHEN CREATORS

## Kitchen Creators Joinery Product Guarantee

Kitchen Creators undertake to guarantee all Formica Benchtops for a period of 5 years if any defect in the product occurs.

We also undertake to guarantee all joinery manufactured by us for a period of 5 years.

Please be aware that this guarantee does not include general wear and tear of the product and you should take care of your products in accordance with the care and maintenance instructions that can be found at [www.laminexnewzealand.co.nz](http://www.laminexnewzealand.co.nz). If you require a copy of this information, please do not hesitate to contact us.

If any damage occurs to the kitchen during installation by a third party, please contact them directly and they can get in touch with us for any replacement joinery required.

Thank you for purchasing a Kitchen Creators product. We hope you will create many happy memories in the hub of your house

Yours faithfully

Helen Beckley  
Kitchen Creators Manager



144 Kapiti Road Paraparaumu 04 298 2421  
[www.kitchencreators.co.nz](http://www.kitchencreators.co.nz)

# Paraparaumu Doors and Mouldings

## 5 Year Internal Door Warranty

All doors hung by Paraparaumu Doors are warranted to be of good quality, workmanship and material, free from defects which would render them unserviceable or unfit within 5 years of purchase. Paraparaumu Doors, subject to its terms and conditions of sale, agrees to repair or replace at its option any door found to be defective in the meaning of the warranty.

Natural variations of colours and textures and minor shrinking and swelling of components are a normal characteristic of wood and composites, which vary with seasonal humidity and are not considered defects. We try to ensure that the timber and other materials have been prepared to make them suitable.

It is impossible to know all the circumstances surrounding every situation in which our products are stored and installed. Seasonal and geographic variations in atmospheric moisture may cause some shrinkage and expansion and therefore Paraparaumu Doors will not consider any of the following defects:

- (a) A warp shall not be considered as a defect unless it exceeds 5mm in the door it self.
- (b) Natural variations in colour or texture or the wood and other materials are not considered defects.
- (c) Minor variations in dimensions are not regarded as defects.

Paraparaumu Doors will not accept responsibility or liability for any damage resulting from failure to adhere to the following conditions:

- Interior doors should not be subject to direct sunlight or in environments with excessively high humidity.
- It is important that all interior doors be painted in light colours to reduce the risk of heat distortion which may cause warping.
- Doors should only be stored or hung in dry buildings and not in damp moist areas. They should not come into direct contact with freshly plastered or concreted surfaces.
- As soon as possible after doors arrive on site, the entire door, including the top and bottom edges must receive two coats of paint or sealer to prevent absorption of moisture.
- Normal "show through" of frame components in doors shall not be considered a defect.
- Semi gloss or satin finish paints are recommended for all doors to reduce 'show through'

# Knauf Insulation Warranty: Earthwool® Glasswool Insulation

**1. WARRANTY APPLICATION:** Knauf Insulation Pty Ltd (ACN 129 827 336) and Knauf Insulation Ltd (Registered NZ Company No. 35 271 92) - (Knauf) - warrant that Earthwool® glasswool insulation products (Product) are manufactured in accordance with AS/NZS-4859.1 and are fit for the purpose of insulating ceilings, external timber frame walls, underfloors and internal acoustic partitions, if tested in accordance with the methodology referred to in AS/NZS-4859.1, if properly installed in accordance with the installation instructions and if maintained according to relevant Standards including AS-3999/NZS-4246.

**2. WARRANTY COVERAGE:** Knauf warrants to the person purchasing the Product (Covered Person) that:

**A.** The Product is free from manufacturing defects for a period of 50 years from the date of purchase.

**B.** When used for its intended purpose, properly installed in accordance with Knauf installation instructions, tested in accordance with the methodology referred to in AS/NZS-4859.1 and maintained in dry conditions and otherwise in accordance with AS-3999/NZS-4246, the NZBC Clauses E2 and E3 (or equivalent), the Product can be expected to maintain its thermal insulation properties for a period of 50 years from the date of purchase (Product Serviceable Life).

**3. CONDITIONS OF WARRANTY:** Knauf's liability to the Covered Person under this Warranty shall be subject to the following terms and conditions:

**A.** The claimant must provide proof that he/she is a Covered Person including a receipt showing the date of purchase of the Product and details of the seller and the installer.

**B.** The Product must be transported and stored in dry conditions at all times between purchase and installation and without bearing the weight of other materials. Knauf will have no liability under this Warranty in respect of wet or water damaged Product.

**C.** The Product must be installed in accordance with Knauf installation instructions and maintained according to AS-3999/NZS-4246, the NZBC Clauses E2 and E3 (or equivalent) and all other applicable building codes adopted by federal, state or local governments or government agencies and applicable to the installation or maintenance. Failure to properly install or maintain the Product in accordance with this Clause will void this Warranty.

**D.** The Covered Person may not claim for manufacturing defects under this warranty that appear outside the Product Serviceable Life 50 years after the date of purchase.

**E.** The Covered Person must provide written notice to Knauf within 30 days after discovery of any claimed defect or failure covered by this Warranty and before beginning any permanent replacement, rectification or repair. The notice must describe the location and details of the defect or failure and such information as is necessary for Knauf to investigate the claim. Photographs of the Product, showing the defect or failure, must accompany the notice. Product samples must be provided.

**F.** Before commencing any replacement, repair or rectification work, the Covered Person must allow Knauf or Knauf's agent to enter the property where the Product is installed and examine, photograph and take samples of, the Product.

**G.** Instead of repairing, replacing or rectifying the Product, Knauf may elect to make a full refund of the purchase price of the Product.

**H.** Knauf will pay the reasonable, direct expenses of the Covered Person claiming under this Warranty. The Covered Person may submit details of their expense claim to Knauf for consideration.

**I.** For the avoidance of doubt, this Warranty applies only to the Covered Person and does not transfer to any subsequent purchaser of any structure in which the Product has been installed.

**4. EXCLUSIONS:** Knauf will have no liability under this Warranty in respect of damage or defects resulting from, or in any way attributable to:

(a) the storage, shipping, handling or installation of the Product in an improper manner or in a manner other than as described above;

(b) neglect;

(c) abuse;

(d) misuse;

(e) damage from incorrect design or construction of the structure in connection with which the Product is used;

(f) acts of God including, but not limited to, cyclones, tornados, floods, earthquakes, severe weather, fire or other natural phenomena, (including, but not limited to, unusual climate conditions);

(g) growth of mold, mildew, fungi, bacteria, or any organism; and

(h) lack of proper maintenance.

**5. CLAIMS:** For any claim by the Covered Person under the terms of this Warranty:

(a) if the Product is found to be non-compliant with this Warranty, Knauf will (at Knauf's sole option) either (i) refund the purchase price; or (ii) repair, replace or rectify the Product.

(b) such claims must be made by written notice:

i. sent to the following address:

Knauf Insulation Warranty Claims Section  
PO Box 244  
Cannon Hill Queensland 4170  
Australia.  
Phone +61 7 3393 7300

ii. received within 30 days after discovery of any circumstance giving rise to liability under this Warranty;

iii. containing the details specified in section 3 E above and attaching documentary evidence of the matters specified in section 3 A above.

**6. EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES:** Under this warranty Knauf shall not be liable for any incidental, special, indirect or consequential damages. Any monetary compensation is limited to a refund of the purchase price of the Product except as required by law.

**7. MODIFICATIONS AND ALTERATIONS OF PRODUCT:** Knauf shall have no liability under this Warranty for any Product subjected to further processing or alteration by any person other than Knauf or its related companies.

**8. SETTLEMENT OF CLAIM:** Any refund or material replacement by Knauf pursuant to section 5 above of this Warranty shall constitute a full settlement and release of Knauf by the Covered Person of all claims, potential claims or actions of any Covered Person for damages or other relief under this Warranty.

**9. OTHER RIGHTS:** The benefits given by this Warranty are additional to other rights and remedies that the Covered Person may have under law.

Australian customers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Product repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

New Zealand Consumer Guarantees Act: It is acknowledged that where a claimant has acquired the goods and/or services for the purpose of a business, the claimant and Knauf agree that the provisions of the Consumer Guarantees Act 1993 shall not apply to the supply of goods and/or services by Knauf to such business applicants.

**10. LIMITATION OF WARRANTY:** This Warranty constitutes the only warranty extended by Knauf for the Product. Knauf disclaims all other warranties, express or implied, but does not exclude any statutory warranties or consumer guarantees that may apply and which cannot be excluded at law. For the avoidance of doubt, any and all other warranties or conditions which are not guaranteed by the Australian Consumer Law, the New Zealand Consumer Law or the Competition and Consumer Regulation 2010 (Australia) and which are not expressly included in this Warranty as additional warranties or conditions, are expressly excluded where permitted, including liability for incidental or consequential damages caused by the breach of any express or implied warranty or condition.

**11. LIMITATION OF LIABILITY:** You may be entitled to statutory consumer guarantees and Knauf does not exclude, restrict or modify those consumer guarantees. In all other respects, in so far as and to the maximum extent that it may lawfully do so, Knauf excludes any liability, whether in tort (including negligence), contract, equity or otherwise, connected with, or arising in relation to, the use or installation of the Product.

This Warranty is given by Knauf Insulation Pty Ltd ACN 129 827 336 and Knauf Insulation Ltd (Registered NZ Company No. 35 271 92).

# Terms and conditions of warranty

This warranty is given by Tasman Insulation New Zealand Limited ("Tasman") to the original end purchaser ("you" or "claimant") of specified Pink® Batts® insulation products (each a "product"), and is strictly subject to the following terms and conditions.

## Procedure for making a warranty claim

1. Tasman will not be liable for any breach of warranty unless, within 30 days after a defect becomes reasonably apparent (or should reasonably have become apparent), you provide Tasman with:
  - a. written notice of your warranty claim;
  - b. a reasonable written description of how the product does not comply with this warranty; and
  - c. the information set out in the "Homeowner's Record" on page 1, or other evidence reasonably satisfactory to Tasman of the date(s) of purchase and installation of the affected product.
2. If the defect in the product was reasonably apparent, or should reasonably have become apparent, prior to installation of the product, then any warranty claim must be made prior to installation, and Tasman will have no liability to a claimant under this warranty or otherwise in statute, contract, tort, or otherwise at law or in equity in respect of the product.
3. You must:
  - a. bear all expenses incurred in making a claim under this warranty, including but not limited to costs of returning any defective product to us, and collecting any replacement product from Tasman or its agent; and
  - b. allow Tasman and its agents access, at no cost and at any reasonable time, to the building to inspect the affected product.

## Installation requirements

4. The product must be installed, and used and maintained during the lifetime of the building strictly in accordance with:
  - a. the statements and conditions of BRANZ Appraisal No. 238 [2008];
  - b. Tasman's technical instructions for use, installation and maintenance of the product; and
  - c. NZ Standard 4246:2006: Energy Efficiency – Installing Insulation in Residential Buildings;each as amended or replaced from time to time.

## Meaning of 'building' and 'lifetime'

5. In these terms and conditions:
  - a. "building" means any 'household unit' (as that term is defined in the Building Act 2004) in which a claimant has installed or is using the product; and
  - b. "lifetime" means the duration of the useful or serviceable life of that building.

## Transfer of warranty

6. This warranty may be transferred to each subsequent owner of the building in which the product is installed or used, subject to each owner being notified in writing of, and at all times being subject to, these terms and conditions. You agree you will no longer have any rights under this warranty following such transfer.

## Benefits under this warranty

7. Your sole and exclusive remedy for any breach of this warranty is that Tasman will (at its sole option):
  - a. replace or repair the affected product;

- b. supply equivalent products or goods;
  - c. pay the cost of replacing the affected product; or
  - d. refund the cost of the affected product.
8. Other than as provided in these terms and conditions, Tasman will have no liability to a claimant (whether in statute, contract, tort, or otherwise at law or in equity) in respect of any defects in the product or for any loss, damage, costs or expenses caused by the product or defects in the product. **Nothing in this paragraph 8 or otherwise in these terms and conditions excludes or modifies any legal rights you may have under the Consumer Guarantees Act, the Building Act, or any other legislation which cannot be excluded or modified at law.**

## Limitations

9. Tasman will in no circumstances be liable for breach of warranty or otherwise in respect of defects in the product as a result of use, installation or maintenance of the product (whether by the claimant or any other person) other than in accordance with the requirements set out in paragraph 4 of this warranty.
10. Without limiting paragraph 9, Tasman Insulation will in no circumstances be liable for:
  - a. any damage or loss caused by a claimant or anyone other than Tasman, or by any other factor affecting the product or a building beyond Tasman's reasonable control, including but not limited to moisture, water, fire, lightning, salt air, chemicals, industrial fall-out, fumes, liquids, solids, animals or precipitation;
  - b. the removal of product installed or the installation of replacement or equivalent products, or the cost of removal or installation of replacement or equivalent products;
  - c. any direct, consequential, or indirect loss of any kind; or
  - d. any loss of profits, use, sales, turnover, reputation (or damage to it), production, anticipated savings, goodwill, business opportunity, customers, software or data, or loss of use of any software, data, premises or facilities, or loss under, or in relation to, any other contract; in each case whether of a direct, indirect or consequential nature.
11. All warranties, conditions, liabilities and obligations other than those specified in this warranty are excluded to the fullest extent allowed by law.
12. In accepting this warranty you irrevocably waive any other claims, actions, rights or remedies you may have against Tasman in respect of any defects in the product.
13. Subject to paragraph 8, this warranty only applies to an original end purchaser of the product, and does not apply to:
  - a. any person who purchases the product for use or installation in any works, erection, structure or construction other than a 'household unit' (as defined in the Building Act 2004); or
  - b. any person who has purchased the product in trade or for resupply to any other purchaser (except any builder, contractor or installer who purchases the product for use or installation in a building);
  - c. any installation or use of the product resulting in the product being consumed in the course of a process of production or manufacture.

**For warranty claims please contact 0800 746 522/  
0800 PINKBATTS**

## Lawn Aftercare

Your lawn has been hydroseeded with wood fibre hydromulch, certified perennial rye grass and a slow release turf fertiliser. The green colour is from the wood fibre mulch which holds water to assist the germination of the seed. The seed needs to be moist until it strikes which can take up to 2-3 weeks.

Here are some tips for the aftercare of your sprayed-on lawn so that it germinates into lush green grass.

### Watering

While the mulch helps to keep the seed moist it is best to give the lawn a light water in the morning and evening. It only needs enough water to retain its light green colour and try to avoid water running on the surface or pooling.

If the mulch starts to fade to a straw colour it needs water. Also, you may have enough water from rain alone. Too much water can cause the spread of fungal spores which will damage the new grass. The grass in shaded areas will take longer to grow and thicken and requires less water.

### Mowing

Mow the lawn once the new grass is about 100mm high (4 inches). We recommend that you cut between 1/4 and 1/3 off the top each week and that you don't let it get too short. Initially it may appear patchy but don't worry too much until it's had a few mows as the mowing stimulates growth which encourages the grass to spread and thicken.

### Fertiliser

A slow release fertiliser was applied to your lawn when it was sprayed but this will need topping up in a few months' time when the lawn is well established. The recommendation is to apply a slow release fertiliser in spring and autumn with plenty of water following the manufacturer's instructions.

### Weeds

Look for weeds and treat them quickly to avoid them establishing on your lawn. You may have some weed seed in your soil and there is a good chance that you will receive wind-blown weed seeds. There are tools on the internet to help you identify lawn weeds and your local garden shop will be able to provide assistance with the right product to kill the weeds. If your lawn is in good condition it will be harder for weeds to take hold.







- Tekton House Wrap is **BRANZ Appraised #548 (2007)**.
- Tekton is a **breather type** coated, spun-bonded polypropylene.
- Tekton can be left **exposed for 60 days**.
- Tekton has **superior water holdout**. Taking the industry to a new level for water resistance.
- Tekton has **optimal surfactant resistance**. Wash your building with confidence.
- Tekton is **fire retardant**.
- Tekton is a leader in **tear strength**.
- Tekton is suitable in **all wind zones**.
- Tekton can be used with no internal wall linings, ie: **gable ends**.
- Tekton increases your building's **energy efficiency**.
- Tekton has a **50 year durability warranty**.
- Tekton can be used for **residential and commercial** applications.

For best results, use with



BRANZ Appraised

Protecto Wrap Tapes

## Tekton

### please note:

- For peace of mind use with BRANZ Appraised Protecto Wrap tapes.
- Tekton House Wrap must not be used behind face fixed non absorbent claddings such as vinyl or metal.
- Tekton House Wrap can be used on all absorbent and non-absorbent wall claddings installed over 18mm minimum drainage cavity.
- Tekton House Wrap can be used in all wind zones up to and including "Very high".
- Tekton House Wrap may be used as a slip layer over rigid backings for stucco plaster in accordance with the requirements of NZDC acceptable solutions E2/AS1 paragraph 9.3.3(b).
- Tekton House Wrap has an AS 1530 Part 2 Flammability Index of 0 and meets the requirements of NZBC Acceptable Solution C/AS1 Part 6, Table 6.2 for surface finish requirements for suspended flexible fabrics, and therefore it may be used with no restrictions in all buildings.
- Tekton House Wrap must be separated from fireplaces, heating appliances, flues and chimneys in accordance with the requirements of NZBC Acceptable

### other professional solutions by Marshall Waterproofing

- Protecto Sill System – Window and door protection, BRANZ Appraisal # 444 (2005).
- Protecto Tape - Parapet and handrail protection, BRANZ Appraisal #450 (2005).
- Anti Fracture Membrane (AFM) – crack suppression and waterproofing for under tiles. Interior BRANZ Appraisal # 461 (2005). Exterior BRANZ Appraisal # 449 (2005).
- Protecto Wall – Tanking and below ground applications, BRANZ Appraisal # 517 (2006).
- Pro-Joist - Cantilevered deck joist protection, BRANZ Appraisal #497 (2006).
- Pro-Drain 8 - The protection board that creates a neutral pressure



April 2014

## **Re: Product Warranties**

### **Midland and Boral Clay Bricks**

Manufactured in accordance with the requirements of AS/NZS4455 and are regularly tested for compliance in accordance with AS/NZS4456.

Midland Brick supply clay brick product that is fit for purpose, and meets the requirements of the NZBC for durability.

Provided the brick veneer is installed in accordance with accepted trade practice and in accordance with the requirements of the NZBC, Midland Brick guarantees that the clay brick will satisfy the 50 year durability requirements for the E2 durability clause.

Midland Brick recommends that clay bricks are installed by a competent trade's person and in accordance with the guidelines and requirements for masonry veneer exterior cladding set out in SNZ HB 4236:2002.

For any brick veneer design that is outside the scope of NZS 3604 we recommend that a specific design is obtained by a suitably qualified structural engineer to meet the requirements of the NZBC.

### **Maintenance**

Kiln fired clay brickwork has a long record as one of the most durable and versatile building materials, and subsequently requires virtually no maintenance. However, as with any material, brickwork can be subject to natural weathering such as rain, sun, wind, and wind borne sea spray.


Midland Brick recommends that the brickwork should be given a light hose with low pressure water at least once a year. This could prevent the build up of any airborne pollutants that could harm the brickwork. In order to maintain to integrity of the ventilated cavity behind the veneer it is important to check that the weep holes and vents are kept clean and clear from obstruction.

For specific instructions for cleaning brickwork, visit the Midland Brick website and refer to the 'Fundamental Brick Veneer' technical brochure. This can be downloaded by visiting [www.midlandbrick.co.nz](http://www.midlandbrick.co.nz).

KIM DAVIS  
Midland Brick

 64 9 4141521 DDI

 64 9 4141073

 021 640088

 [kim.d@midlandbrick.co.nz](mailto:kim.d@midlandbrick.co.nz)





**WARRANTY STATEMENT as at May 2021**

Smart Electrical (2018) Ltd guarantees the electrical works carried out for 12 months from the date of issue of Code of Compliance.

Products supplied and installed by Smart Electrical (2018) Ltd have Supplier Declaration of Compliance from their manufacturer.

Products supplied by Smart Electrical (2018) Ltd will be covered by their Manufacturer's guarantee as listed.



230v Smoke Alarms

**2 Year Warranty**

[www.aap.co.nz](http://www.aap.co.nz)

**Chubb**

9v Smoke Alarms

**12 Month Warranty**

[www.chubbfiresecurity.com/en/nz/](http://www.chubbfiresecurity.com/en/nz/)



8Way Data Blocks  
**12 Month Warranty**  
[www.cdlnz.com](http://www.cdlnz.com)

**DYNAMIX™**

Fibre board and 8 way patch panels  
**12 Month Warranty**  
[www.dynamix.co.nz](http://www.dynamix.co.nz)



GEO Lights  
**12 Month Warranty**  
[www.eurotechlighting.co.nz](http://www.eurotechlighting.co.nz)



150mm Inline Fans  
**7 Year Warranty**  
[www.fantech.com.au](http://www.fantech.com.au)



Round 7 Bar Ladder Towel Rail

**10 Year Warranty**

[www.heirloom.co.nz](http://www.heirloom.co.nz)



Excel Life Power points, light switches, batten holder

**12 Month Warranty**

[www.legrand.com.au](http://www.legrand.com.au)



Light Fittings

**12 Month Warranty**

[www.lightingdirect.co.nz](http://www.lightingdirect.co.nz)



Light Fittings

**12 Month Warranty**

[www.lightingplus.co.nz](http://www.lightingplus.co.nz)



Meter Boards  
**12 Month Warranty**  
[www.metcon.co.nz](http://www.metcon.co.nz)



Surface Mounted Oysters  
**2 Year Warranty**  
[www.prolux.co.nz](http://www.prolux.co.nz)



Data Boards, Main Switches, Flush Boxes  
**12 Month Warranty**  
[www.se.com/nz/en/](http://www.se.com/nz/en/)



Ducting, Grills, Double Spot Sensors and Uncensored Spots  
**12 Month Warranty**  
[www.simx.co.nz](http://www.simx.co.nz)



Bulkhead, Flash Plates, Door Bells and Pushes  
**12 Month Warranty**  
[www.superlux.co.nz](http://www.superlux.co.nz)



LED Downlights Lights and Driver

**5 year Warranty**

[www.switch-lighting.co.nz](http://www.switch-lighting.co.nz)



Alarm, Key Pads and Sirens

**1 Year Warranty**

[www.swl.co.nz](http://www.swl.co.nz)



Switchboards

**12 Month Warranty**

[www.trical.co.nz/products/](http://www.trical.co.nz/products/)



Earth Neutral Bars, Standoffs and Links

**12 Month Warranty**

[www.trical.co.nz/products/](http://www.trical.co.nz/products/)



MCB's, RDC's, 30 Way EZY Wire DB's

**12 Month Warranty**

[www.vynco.co.nz](http://www.vynco.co.nz)

# Limited Warranty

Rinnai brings you peace of mind with a:

## Rinnai warranty



Rinnai offers you real peace of mind with comprehensive warranty plans covering parts and labour.

This warranty is applicable to all Rinnai INFINITY continuous flow water heaters installed from 2010. All terms of the warranty are effective from the date of installation.

### Warranty summary

Rinnai continuous flow water heater	Application	HEAT EXCHANGER		ALL OTHER PARTS	
		Parts	Labour	Parts	Labour
White domestic models	Domestic WITHOUT a Rinnai controller	10 years pro rata	3 years	3 years	3 years
	Domestic WITH a Rinnai controller	12 years pro rata	3 years	5 years	3 years
	Commercial	1500 hours or 1 year*	1500 hours or 1 year*	1500 hours or 1 year*	1500 hours or 1 year*
Silver commercial models	Domestic WITHOUT a Rinnai controller	12 years pro rata	3 years	5 years	3 years
	Commercial	5000 hours or 3 years pro rata*	1500 hours or 1 year*	1500 hours or 1 year*	1500 hours or 1 year*

\* Whichever comes first

### Domestic vs commercial applications

A domestic application is defined as an installation where a continuous flow unit is set to 55 °C<sup>1</sup> or lower, delivering hot water to a single residential dwelling (not used for commercial purposes<sup>2</sup>).

All other installations are defined as commercial applications.

For constant use applications such as, underfloor heating, circulating ring mains, spa pools (but not limited to), the water heater must be sized and installed according to written guidelines from Rinnai.

<sup>1</sup> A solar installation using a Rinnai continuous flow unit in a single residential dwelling is considered a domestic application

<sup>2</sup> Examples of a commercial application in a domestic dwelling; hair salon, catering kitchen, communal care facility etc. An accommodation business such as a motel, where a continuous flow unit serves the equivalent of a single family dwelling, is deemed to be a domestic application.

## **General warranty terms**

Rinnai reserves the right to make modifications and change specifications and its parts without notice.

For the purposes of the Consumer Guarantees Act 1993, Rinnai only guarantees the availability of repair facilities and spare parts for the express warranty periods recorded in the 'Warranty Summary'.

If the Rinnai Continuous Flow Water Heater is being acquired for personal, domestic or household use, this warranty does not limit any consumer rights or guarantees that may apply under the Consumer Guarantees Act 1993. If the product is being acquired for the purposes of a business, the provisions of the Consumer Guarantees Act 1993 do not apply and no other warranties (either express or implied by law) apart from those stated in the warranty apply.

## **Warranty terms and conditions**

1. All terms of this warranty are effective from the date of installation. The attending service person reserves the right to verify this by requesting a copy of the certificate of compliance prior to commencement of any warranty work. Certificate of compliance must be issued by the installer by law in New Zealand.
2. All Rinnai appliances must be installed, commissioned, serviced, repaired and removed in accordance with the manufacturer's installation instructions, local regulations, and municipal building codes by persons authorised by local regulations to do so.
3. All appliances must be operated and maintained in accordance with the manufacturer's operating instructions.
4. The warranty applies only to the components supplied by Rinnai. It does not apply to components supplied by others, such as, isolating valves, electrical switches, pipe work, electrical cables, fuses, and where applicable flue systems supplied by others, but not limited to these.
5. Where the appliance has not been sited in accordance with the installation instructions or installed such that normal service access is difficult, a service charge will apply. If at the discretion of the attending service person the installation is deemed illegal or access is dangerous, service will be refused. Any work required to gain reasonable access to the appliance will be chargeable by the attending service person (for example, removal of cupboards, doors, walls, or the use of special equipment to move components, but not limited to these).
6. Where a failed component is replaced under warranty, the balance of the original appliance warranty will remain effective. The replacement part or appliance does not carry a new warranty.
7. Rinnai reserve the right to transfer functional components from defective appliances if they are suitable.
8. Rinnai reserve the right to have the installed product returned to the factory for inspection.
9. Where the water heater is installed outside the metropolitan area or further than 40 km from a Rinnai authorised service centre, travel costs shall be the owner's responsibility.

## **Warranty exclusions**

The following exclusions may cause the warranty to become void and will result in a service charge and costs of parts (if required).

1. Accidental damage and acts of God.
2. Failure due to abuse or misuse, improper maintenance or improper storage.
3. Failure due to incorrect or unauthorised installations.
4. Failure or damage caused by alterations, service or repair work carried out by persons other than Rinnai service persons or service centres.
5. Where the water heater has failed directly or indirectly as a result of poor water quality outside the limits specified.
6. Where it is found that there is no fault with the appliance and the issue is related to the installation or is due to the failure of electric or gas supplies.
7. Subject to any statutory provisions to the contrary, Rinnai does not accept:
  - a. liability for consequential damage or any incidental expenses resulting from any breach of the warranty.
  - b. claims for damage to building or any other consequential loss either directly or indirectly due to leaks from the appliance or any other faults.



# Water quality

Water quality outside the limits (as set down below) will void this warranty. Water quality tests must be carried out at the customer's own cost but Rinnai will reimburse any reasonable test costs where water quality is within the limits tabled.

## Water quality and impurity limits

TDS (Total Dissolved Solids)	Total hardness CaCO <sub>3</sub>	Alkalinity (as CaCO <sub>3</sub> )	Dissolved (free) CO <sub>2</sub>	pH	Chlorides	Magnesium	Sodium	Iron	Langelier Index
Up to 600 mg/L or ppm	Up to 200 mg/L or ppm	Up to 200 mg/L or ppm	Up to 25 mg/L or ppm	6.5-8.5	Up to 300 mg/L or ppm	Up to 10 mg/L or ppm	Up to 150 mg/L or ppm	Up to 1 mg/L or ppm	Between -1.0-0.8

Most metropolitan water supplies fall within these limits. If you are unsure about water quality, please contact Rinnai and we will provide you with details of an authorised agency able to test your water with compliance to Rinnai standards. If sludge or foreign matter is present in the water supply, a suitable filter should be incorporated in the water supply.

Some examples of water quality issues where water may need to be treated:

- Hard water (areas including Whanganui)
- Aggressive water (areas including Christchurch)
- Both hard and aggressive water (some bore water)

# Maintaining Your Interlock Window and Door Hardware

**I T R O**  
**ASSA ABLOY**



ASSA ABLOY, the global leader in door opening solutions.

## Maintaining Your Interlock Products

Congratulations on selecting Interlock product. With care and regular cleaning, your hardware products will have a long life and stay in good condition for many years. Just as washing your car is important for removing dirt and grime, your hardware products need to be given a regular wash to keep them looking smart and performing well.

The effects of ultra violet light, atmospheric pollution, general dirt and grime, along with airborne salt deposits can all accumulate over time and should be removed at regular intervals.

## Maintaining the Finish of Your Hardware

As a general rule, cleaning should take place at least every six months. In areas where environmental deposits are more prevalent, such as beach-front houses and industrial or geothermal areas, then cleaning should be carried out on a more frequent basis i.e. every two to three months.

### Three Steps to Cleaning Your Powdercoated Hardware

- Step 1. Remove loose deposits with a wet sponge rather than risk scratching the surface with dry dusting.
- Step 2. Using a soft brush/cloth and soap or a mild household detergent in warm water, clean the surface to remove dust, salt and other deposits.
- Step 3. Always rinse with fresh water after cleaning to remove any remaining detergent.

Weathered powdercoated areas, blemishes or scratches can be restored with the use of a Repair Kit. Please contact your aluminium joinery supplier for this.

### Precautions for Powdercoated Hardware

- NEVER use aggressive solvent cleaners on the product i.e. thinners and petrol.
- AVOID the use of any solvents near joints or plastic components.
- NEVER use anything abrasive i.e. steel wool, scrapers, scouring liquids or powders.
- Ensure that the solvent is thoroughly rinsed from the product surface.
- Mask windows if painting. Where paint or plaster has spilled on the powdercoated finish, remove immediately with water or methylated spirits. (Prolonged use of methylated spirits is not recommended and if used should be rinsed off immediately using clean water. Test a small area first to ensure that no damage to the surface or colour change will occur).

Note; Window latches are not covered under warranty should they become trapped in the opening or mis-used, window hardware covers are also not covered under this warranty. Should you need these replaced, please contact the window manufactures direct.

### Maintaining Your Plated Hardware

Special care needs to be taken to maintain plated surfaces.

- CLEAN with a soft damp cloth or dry duster.
- NEVER use abrasive cleaners, scourers or rough cloth that may damage or scratch the plated surface.
- NEVER use detergent.
- NEVER use chemical cleaners such as solvents or Brasso.
- AVOID the spray from ammonia window cleaners getting onto plated surfaces.
- PROTECT all plated surfaces when painting, varnishing or plastering.

### Caring for Stainless Steel Hardware

- ALWAYS CLEAN AND RINSE stainless steel that may have come in contact with construction cleaning chemicals or their vapours immediately.
- CLEAN REGULARLY using detergent and warm water, rinse with fresh water and dry afterwards.
- CLEAN STAINS and DISCOLOURATION with citric or nitric acid based cleaners or mild abrasive detergents like Jif. Rinse with fresh water and dry.
- NEVER allow construction cleaning chemicals (or any other cleaning chemical) to remain in contact or 'pool' on stainless steel.
- NEVER clean with wire wool or wire brushes (these will leave iron deposits that will rust).
- NEVER allow salt deposits to build up on stainless steel product.

### Maintaining the Functional Performance of Your Hardware

**Friction Stays** – These may become stiff if the window is not operated at least once a week. If stiffness does occur, a light oil spray lubricant such as WD40 should be applied to the joints of the stays. Following application the window should be opened and closed at least ten times to remove the stiffness.

**Hinges** – Regular cleaning to remove build-up will ensure that the hinges retain a smooth operation. When necessary WD40 can be used to lubricate.

**Cylinders** – Salt build-up along with dust and grit can affect the performance of your cylinders. Keys can become harder to turn as build-up accumulates. WD40 is effective in reviving your cylinder. Spray WD40 in the cylinder and on the key. The repeated use of the key in the cylinder will free up the working components.

**Mortice Locks** – To free up moving components WD40 can be sprayed into the lock body around the bolt and latch area. For best results depress the latch bolt for easy access to working parts. Operate the lock approximately ten times to lubricate moving parts.

**Electrical Products** – Do not allow the product to get wet. Ensure there is no obstruction such as leaves or branches during the operation of the product. Treat it as you would any other electrical appliance. Wipe keypads with a clean damp cloth. Do not use solvents. To clean chains, brush off dirt and dust.

**Rollers** – Keep the track clear of debris such as sand, leaves and dust. If the roller does appear to be stiff, Vaseline on the bearing can free this up.

**Window Fasteners** – Regular cleaning to remove build-up will ensure that the fasteners retain a smooth operation.

This information has been prepared to help you get the best life from your hardware products. Failure to adhere to recommended maintenance procedures will render the Interlock product warranty null and void and may cause permanent damage to the product. If you have any questions please contact your aluminium joinery supplier.

With the compliments of ...

**ASSA ABLOY**

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