

## BUILDING PRODUCT INFORMATION SHEET—CLASS 2

### COMPANY NAME AND ADDRESS:

Contour Roofing Nelson Limited, 41 Venice Place, Stoke, Nelson, 7011— Ph (03) 538 0824—NZBN 9429038730085

Contour Blenheim Limited, 35 Kinross Street, Blenheim, 7201— Ph (03) 577 7720—NZBN 9429031587600

Stratco (N.Z.) Limited, 55 Hands Road, Middleton, Christchurch, 8024—NZBN 9429040814629 (Ultimate holding Company)

ADDRESS FOR SERVICE: Nexia Christchurch Limited, Level 4, 123 Victoria Street, Christchurch, 8013

WEBSITE: [www.contour.nz](http://www.contour.nz)

PRODUCT: Defender Garage Doors



### DESCRIPTION

Contour's Defender Garage Doors are Residential insulated sectional garage doors using 40mm thick polyurethane panels with a R2.0 thermal rating to insulate from heat in summer, cold in the winter and reduce noise from outside. Options available include:

Ribline—has a tongue and groove woodgrain timber embossed finish for added strength.

Flatline—a flat panel with a light embossed finish for added strength

Both are available in a range of colours to complement architecturally designed homes.

Contour Defender Garage Doors have electric openers using an internal switch with remote controls where required. Features include:

- Automatic safety reverse where the door will stop and automatically reverse if obstructed when going down.
- Obstruction sensor which prevents the door from operating if there is an object or person in the path of the garage door.
- Integral courtesy lighting in the opener unit for safe entry/exit.
- Emergency manual release.

### PLACE OF MANUFACTURE—COMPONENTS

- China

### PLACE OF MANUFACTURE—ASSEMBLY

- New Zealand

### DESIGN CONSIDERATIONS

- Contour Defender Garage Doors are insulated sectional garage doors suitable for Residential applications
- Contour Defender Garage Doors 40mm thick polyurethane panels have a R2.0 thermal rating
- Maximum opening size 5300mm x 2100mm
- Available in a range of colours
- Electric openers available with either internal switch activation or remote control and emergency manual release
- Automatic safety reverse where the door will stop and automatically reverse if obstructed when going down.
- Obstruction sensor that prevents the door from operating if there is an object or person in the path of the garage door.
- Integral courtesy lighting in the opener unit for safe entry/exit.
- Contour Defender Garage Doors are certified tested Class II Resistance to Wind Load, Class II Water Tightness and Class 4 Air Permeability
- Refer to Contour Defender Garage Door manual for installation details: [www.contour.nz/product/residential-garage-doors](http://www.contour.nz/product/residential-garage-doors)  
Alternatively installation can be arranged by Contour
- Contact the Contour Sales Team for further information or at [www.contour.nz/product/residential-garage-doors](http://www.contour.nz/product/residential-garage-doors)

### WARRANTY

Contour Defender Garage Doors and components have the following conditional warranties:

- Door openers, tracks, hardware and components—2 years
- Paint Finishes—1 year
- Installation—1 year when installed by an Authorised Installer

## MATERIAL COMPOSITION & COATINGS

Contour Defender Garage Doors metal sheeting substrate is metallic coated preprimed then painted using a three coat Resene Paint system.

It is important to ensure Contour Defender Garage Doors are suitable for the location they are to be used in to ensure they meet the minimum durability requirements of the NZ Building Code and satisfy customer expectations. The boundaries of different corrosion zones in New Zealand are difficult to define because many factors determine the corrosivity of a particular location. Contact Contour to confirm suitability for your location.

## BUILDING CODE COMPLIANCE

The product will, if used in accordance with Stratco's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** B2.3.1 (c)  
Defender Garage Doors meet the performance requirements of B2.3.1 (c) 5 years
- **Clause E2 External Moisture:** E2.3.2, E2.3.6
- **Clause F2 Hazardous building materials:** F2.3.1

## INSTALLATION

Refer to Defender Garage Door manual for installation details: [www.contour.nz/product/residential-garage-doors](http://www.contour.nz/product/residential-garage-doors)

Alternatively installation can be arranged by Contour Defender Garage Doors

## MAINTENANCE

Ongoing preventative maintenance and servicing ensures that your door continues to function within factory specifications, greatly reduces the risk of failure and repair bills down the track and ensures you maintain your Warranty.

Contour Defender Garage Doors are pre-painted with a Resene Exterior Paint system.

All exposed surfaces require attention to help guard against corrosion or any harmful atmospheric effects. We recommend that you regularly wash down your garage door with clean water and a soft cloth or sponge every 2-3 months. If you are situated in a salt spray area these doors will require more frequent washing.

Note: We do not recommend pressure cleaning by water blasting or the use of chemicals or solvents.

We recommend every 6 months that the door tracks are sprayed with a good quality Silicon Spray lubricant to ensure smooth running.

For best results we recommend a 12 monthly service is undertaken to ensure trouble free ongoing operation. Please contact Contour to organise this service.

## SECTION 26 OF THE BUILDING ACT

Contour Defender Garage Doors are not subject to any warnings or bans under Section 26 of the Building Act.

## ENVIRONMENT

Contour, through Stratco, has Toitu Enviromark Gold Certification. Stratco sites recycle all steel and aluminium scrap and offcuts which can then be remelted for use in other steel products.

Steel and aluminium are infinitely recyclable so at the end of its useful life the product can be recycled and remelted for other products.

## Appendix

As reference, this appendix contains the full descriptions of all building performance clauses listed in this document.

### B2 Durability

#### B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

(c) 5 years if:

- (i) the *building elements* (including services, linings, renewable protective coating, and *fixtures*) are easy to access and replace, and
- (ii) failure of those *building elements* to comply with the *building code* would be easily detected during normal use of the *building*

### E2 External moisture

#### E2.3.2

Roofs and exterior walls must prevent the penetration of water that could cause undue dampness, damage to *building elements*, or both.

#### E2.3.6

Excess moisture present at the completion of *construction* must be capable of being dissipated without permanent damage to *building elements*

### F2 Hazardous building materials

#### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.