

**5214R****RESCO COMPACT LAMINATE TOILET & SHOWER PARTITIONS****1. GENERAL**

This section relates to the supply and installation of **RESCO** compact laminate systems, using proprietary, prefabricated custom made toilet partitions and screens.

1.1 *DOCUMENTS REFERRED TO*

Refer to the general section 1233 REFERENCED DOCUMENTS. The following documents are specifically referred to in this section:

IS EN 438-4	High-pressure decorative laminates (hpl) - sheets based on thermosetting resins (usually called laminates) - part 4: Classification and specifications for compact laminates of thickness 2mm and greater
NZBC E3/AS1	Internal moisture
NZBC G1/AS1	Personal Hygiene
NZS 4121	Design for access and mobility: Building and associated facilities
NZBC C/AS1 - C/AS7	Protection from Fire Acceptable Solutions
JIS Z 2801:2000	Antibacterial products - Test for antibacterial activity and efficacy
Greenstar	New Zealand Green Building Council

## 1.2 MANUFACTURER/SUPPLIER DOCUMENTS

Manufacturer's and supplier's documents related to this section are:

- Resco Series 5000 **Product Information Guide**
- Resco Series 5000 **Installation Instructions**
- Resco Series 5000 **CAD drawings**
- Resco **Antibac Fact Sheet**
- Resco **Colour Sample Folder**
- **Fire Test Report** FH5110, Group Classification 3
- **Branz appraisal** – Multicom Wall Panelling
- **Greenguard** Compliance Certificate

Copies of the above literature are available from **RESCO** Ltd.

Web:	<a href="http://www.resco.co.nz">www.resco.co.nz</a>
Email:	service@resco.co.nz
Telephone:	09 415 5720 or 07 850 1025
Facsimile:	07 850 1026

## Requirements

- 1.3 NO SUBSTITUTIONS  
Substitutions are not permitted to any specified **RESCO** brand products, components or accessories.
- 1.4 QUALIFICATIONS  
Resco approved installers are located nationwide but any competent qualified builder or shop fitter can install as long as the current installation instructions are followed.
- 1.5 SHOP DRAWINGS  
Provide **RESCO** shop drawings and **RESCO** Installation instructions for the project. Refer to the general section for timing and review requirements.
- 1.6 SAMPLES  
Submit on request **RESCO** sample folder or model for approval of colour and finishes.

## Warranties

- 1.7\_ WARRANTY - MATERIALS  
Provide **RESCO** Ltd warranty.

10 years:	Compact Laminate panel integrity
2 years:	Hardware

- Provide this warranty on the **RESCO** Ltd standard form.
- Commence the warranties from the date of completion.

Refer to the general section 1237 WARRANTIES for additional requirements.

- 1.8 ENVIRONMENTAL PERFORMANCE  
Indoor Air Quality performance: Low Formaldehyde and Low VOC emissions

## **2 Products**

### **Materials - RESCO Series 5000 toilet/shower partitions**

#### **2.1 PARTITION PANELS**

Machine finished 13mm compact laminate panels with a black core. Edges are black polished finish. 13mm compact laminate panels made from thermo-setting resins to IS EN 438-4. Refer to SELECTIONS, colour and length options

#### **2.2 ALUMINIUM TRIM - HEAD RAIL**

Interpon Powder coated oval 40mm x 20mm extruded aluminium 6060 alloy X-884 head rail. Refer to SELECTIONS for colour option.

#### **2.3 ALUMINIUM TRIM - WALL CHANNELS**

Interpon Powder coated continuous full height extruded aluminium 6060 alloy A-866 wall channels. Refer to SELECTIONS for finish and colour option. See CAD drawings for fixing points

#### **2.4 FASCIAS**

13mm Compact Laminate fascia's with rebated door stops to allow doors to be fitted flush with adjacent fascias.

#### **2.5 DOORS**

13mm Compact Laminate in-line doors with rebated door stops to allow doors to be fitted flush with adjacent fascias.

#### **2.6 HARDWARE PER DOOR**

##### **Hardware options**

##### **Standard option**

3 Silver anodised aluminium 6060 alloy fixed pin Hinges, 1 satin chrome Indicator Bolt and keeper with anti-vandal, tamper proof screws, 1 satin chrome brushed door stop/door hook.

#### **2.7 PEDESTALS**

Polished 304 alloy stainless steel, height adjustable pedestals with top-end fixing integrated in the system and bottom-end flange-fixed to floor. Pedestals are inserted into aluminium extrusions with enough to prevent buckling under high impact and still allow for an 100mm adjustment range.

### **3 Conditions**

#### **3.1 HANDLE AND STORE**

- Store inside and keep in original packaging until needed
- Do not store in sun or rain or at high temperatures
- Do not walk over the panels
- Use caution, machined edges may be razor sharp
- Do not slide panels – lift them – sheets can be scratched if not handled correctly- ensure free of dust and debris
- Large panels are a 2 man lift

#### **3.2 SUBSTRATES AND PLUMBING FITTINGS CHECK**

Before commencing installation of the **RESCO** system ensure all substrates are plumb, level and in true alignment, all flooring surfaces are ready and all plumbing fittings are properly positioned. Ensure adequate provisions are made for fixing to relevant walls. Ensure that the back wall is sufficiently solid to support the cubicles.

#### **3.3 PROTECT**

Protect adjoining areas, surfaces and finish from damage when installing As cubicles are custom made - check actual measurements match shop drawings prior to installation

#### **Application**

#### **3.4 INSTALL**

Resco approved installers are located nationwide but any competent qualified builder or shop fitter can install as long as the current installation instructions are followed.

#### **Completion**

#### **3.5 REPLACE**

Replace any damaged or marked elements

#### **3.6 LEAVE**

Leave work with parts fully and freely working and to the standard required by **RESCO** Ltd. Also ensure that sign off sheets are completed by the relevant person to ensure that they are completely satisfied

#### **3.7 REMOVE**

Ensure that they cubicles have been cleaned and are free of debris and unused materials from the site.

## 4 Selections

For further information or help [WWW.RESCO.CO.NZ](http://WWW.RESCO.CO.NZ) or call 09 415 5720 or 07 850 1025  
Substitutions are not permitted to the following, unless stated otherwise

### 4.1 PERFORMANCE SURFACE FIRE PROPERTIES

Group Number	Panel/Finish	Location
~	Compact Laminate	~

Fire Test Report FH5110, Group Classification 3

### 4.2 TOILET / CUBICLE PARTITIONS

Brand:	<b>RESCO</b>
System type:	Series 5000
Panel description:	13mm Compact Laminate panel
Panel colour:	Resco Antibac range
Aluminium trim:	Interpon Powder Coated Range, ~
Hardware option	Resco Standard
Toilet/shower size:	<i>750mm -1000mm width, 1560mm - 1900mm length</i>