

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 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:

NZBC C/AS2-AS7	Protection from fire
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
JIS Z 2801	Antibacterial products - Test for antibacterial activity and efficacy

1.2 MANUFACTURER/SUPPLIER DOCUMENTS

Manufacturer's and supplier's documents related to this section are:
Resco Series 5000:Product Information Guide, Installation Instructions and CAD drawings
Resco Antibac Fact Sheet
Resco Colour Sample Folder
Fire Test Report FH5110, Group Classification 3
Greenguard Compliance Certificate

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

Web: www.resco.co.nz
Email: service@resco.co.nz
Telephone: 0800 800 950
Auckland: 09 415 5720
Hamilton: 07 850 1025
Facsimile: 07 850 1026

Warranties

1.3 WARRANTY - MANUFACTURER/SUPPLIER

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.

1.4 WARRANTY - INSTALLER/APPLICATOR

Provide an installer/applicator warranty.

2 years: For installation when installed by a RESCO install team

- 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.

Requirements

- 1.5 **NO SUBSTITUTIONS**
Substitutions are not permitted to any specified **RESCO** brand products, components or accessories.
- 1.6 **QUALIFICATIONS**
Installers to be experienced, competent and familiar with the materials and techniques specified. Installation to **RESCO** shop drawings and **RESCO** Installation Manual current at the time of installation.
- 1.7 **SHOP DRAWINGS**
Provide **RESCO** shop drawings and **RESCO** Installation Manual for the project. Refer to the general section for timing and review requirements.
- 1.8 **SAMPLES**
Submit on request samples of **RESCO** panels and components for approval of colour and finishes.

Performance

- 1.9 **SURFACE FIRE PROPERTIES**
Group Number to [NZBC C/AS2-AS7](#), table 4.1. Refer to SELECTIONS.
- 1.10 **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 black core made from thermo-setting resins to IS EN 438-4. Edges are black polished finish. Certified antimicrobial to JIS Z 2801 to prevent the growth of bacteria on the surface up to 99% within 24 hours. 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 headrail. 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.
- 2.4 **FASCIAS**
13mm compact laminate fascias 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**
RESCO standard option: Aluminium leaf hinge 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 doorstop/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 a 100mm adjustment range.

3. EXECUTION

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 carefully to prevent scratching. Ensure free of dust and debris. Large panels are a two 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.

Confirm actual measurements match shop drawings as the cubicles are custom made.

3.3 PROTECT

Protect adjoining areas, surfaces and finish from damage.

Application

3.4 INSTALL

Carry out the installation to the requirements of **RESCO** Ltd, relevant shop-drawings and the latest version of **RESCO** Installation Manual for the project.

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.

3.7 REMOVE

Ensure the cubicles have been cleaned and remove debris, unused materials from the site.

4. SELECTIONS

For further details on selections go to www.resco.co.nz.

Substitutions are not permitted to the following, unless stated otherwise.

Performance

4.1 SURFACE FIRE PROPERTIES

Group Number	Panel/Finish	Location
3	Compact Laminate	~

Toilet and cubicle partitions

4.2 RESCO SERIES 5000 TOILET/ CUBICLE PARTITIONS

Brand: RESCO
System type: **Series 5000**
Panel: 13mm pre-finished compact laminate panel
Panel colour: **Doors** - Resco Antibac range,
Fascias - Resco Antibac range, ~
Division - Resco Antibac range, ~
Aluminium trim: Interpon powder coated range, Silver Pearl
Toilet size: ~
Shower size: ~
Door hardware: Resco standard (aluminium leaf hinge option)