

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

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: 2000 Antimicrobial products - Test for antimicrobial activity and efficacy

1.2 MANUFACTURER/SUPPLIER DOCUMENTS

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

Resco Storm: 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 Gold Certification 25453-420 - Maica Laminates Sdn Bhd

Manufacturer/supplier contact details

Company: **RESCO Ltd**

Web: www.resco.co.nz

Email: service@resco.co.nz

Telephone: 0800 800 950

Auckland: 09 415 5720

Hamilton: 07 850 1025

Warranties

1.3 WARRANTY - MANUFACTURER/SUPPLIER

Provide a material manufacturer/supplier 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 practical completion of the contract works.

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.

Performance

- 1.8 **SURFACE FIRE PROPERTIES**
Group Number to [NZBC C/AS2-AS6](#), table 4.1. Refer to SELECTIONS.
- 1.9 **ENVIRONMENTAL PERFORMANCE**
Indoor Air Quality performance: Low chemical emissions.

2. PRODUCTS

Materials - RESCO Storm® toilet/shower partitions

- 2.1 **PARTITION PANELS**
Machine finished 13mm compact laminate panels with black core made from thermosetting resins to IS EN 438-4. Edges are black polished finish. Certified antimicrobial to JIS Z 2801: 2000 to certify panels eradicate 99% of microorganisms within 2 hours. Refer to SELECTIONS for colour and length options.
- 2.2 **ALUMINIUM TRIM - HEAD RAIL**
Interpon powdercoated rectangular 80mm x 40mm extruded aluminium 6060 alloy A-850 headrail. Refer to SELECTIONS for colour options.
- 2.3 **ALUMINIUM TRIM - DOOR STILES / PEDESTALS**
Interpon powdercoated 50mm extruded aluminium 6060 alloy full length tubular A-855 door stiles with clashing rebated door stops lined with wool pile. These also act as the pedestal with the top of door stiles to be screw-fixed to head rail and screw-fixed to floor pin and bracket. Refer to SELECTIONS for finish and colour.
- 2.4 **ALUMINIUM TRIM - WALL CHANNELS**
Interpon powdercoated continuous full height extruded aluminium 6060 alloy A-866 wall channels. Refer to SELECTIONS for finish and colour option. Refer to RESCO CAD drawings for fixing points.
- 2.5 **FASCIAS**
13mm Compact laminate fascias with machined edges that slot and fix into the aluminium extrusions. Refer to SELECTIONS for finish and colour option.
- 2.6 **DOORS**
13mm Compact laminate doors with polished bullnose machined edges. Refer to SELECTIONS for finish and colour option.
- 2.7 **HARDWARE PER DOOR**
Resco standard hardware - 3 stainless steel Hold Open or Hold Closed gravity hinges. 1 Antimicrobial Easy Glide slide lock and 1 Doorstop/Coathook in high gloss thermoset enamel coated zinc alloy.

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 STORM TOILET / CUBICLE PARTITIONS**
Location: ~
Brand: RESCO
System type: STORM
Panel: 13mm pre-finished compact laminate panel
Panel colour: Resco Antibac range, ~
Aluminium trim: Interpon powder coated range, Silver Pearl
Toilet size: ~
Shower size: ~
Door hardware: Resco Storm standard hardware (stainless steel finish gravity hinge)
Hinge hold: ~