

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 Screens 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 screens

- 2.1 **FULL SCREEN**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermo-setting resins to IS EN 438-4. Front edge supported by an aluminium round post fixed to the floor and ceiling. Fixed to the wall by a powder coated A-866 U-channel. Refer to CAD drawings for fixing points. Refer to SELECTIONS, colour and length options.
- 2.2 **KINDY SCREEN**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermo-setting resins to IS EN 438-4. Fixed to the wall with a powder coated A-866 U-channel. Front end supported by Nylon coated grey pedestals fixed to floor. Refer to SELECTIONS, colour and length options.
- 2.3 **MODESTY SCREEN**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermo-setting resins to IS EN 438-4. Fixed to the wall with 75mm half round aluminium extrusion finished in silver pearl or any of the Interpon colours. Fix top of screen at a typical height of 1500mm above finished floor level. Refer to CAD drawings for fixing points. Refer to SELECTIONS, colour and length options.
- 2.4 **SHOWER SCREEN AND SEAT**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermo-setting resins to IS EN 438-4. Fitted to the wall or division panel with a powder coated A-866 U-channel. Screen should be braced to the seat for support. Refer to SELECTIONS for colour and size.

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	~

Screens

- 4.2 **RESCO FULL SCREEN**
Brand: **RESCO**
Panel description: 13mm pre-finished compact laminate panel
Panel colour: ~
Screen size: ~mm x 1800mm high
Aluminium trim: Powder coated, Silver Pearl
- 4.3 **RESCO KINDY SCREEN**
Brand: **RESCO**
Panel description: 13mm pre-finished compact laminate panel
Panel colour: ~
Screen size: 650mm x 1200mm high
Aluminium trim: Powder coated, Silver Pearl
- 4.4 **RESCO MODESTY SCREEN**
Brand: **RESCO**
Panel description: 13mm pre-finished compact laminate panel
Panel colour: ~

Screen size: 450mm x 900mm high
Aluminium trim: Anodised silver

4.5

RESCO SHOWER SCREEN AND SEAT

Brand: RESCO
Panel description: 13mm pre-finished compact laminate panel
Screen size: 300mm wide x 1750mm high
Seat size: 600mm wide x 250mm deep
Panel colour: ~
Aluminium trim: ~