

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 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 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 screens

- 2.5 **FULL SCREEN**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermosetting 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. Allow for sufficient fixings in the ceiling, to meet manufacturer's requirements. Refer to SELECTIONS, colour and length options.
- 2.6 **MODESTY SCREEN**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermosetting resins to IS EN 438-4. Fixed to the wall with a stainless steel channel. 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.
- 2.7 **SHOWER SCREEN AND SEAT**
Machine finished 13mm compact laminate panels with black core. Edges polished finish only. 13mm compact laminate panels made from thermosetting 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
Location: ~
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 MODESTY SCREEN
Location: ~
Brand: RESCO
Panel description: 13mm pre-finished compact laminate panel
Panel colour: ~
Screen size: 450mm x 900mm high
Bracket: Stainless steel
- 4.4 RESCO SHOWER SCREEN AND SEAT
Location: ~
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: ~