

5137R RESCO MULTICOM WALL PANELLING SYSTEM

1. GENERAL

This section relates to the supply and installation of **RESCO** Multicom[®] pre-finished proprietary wall panelling system for:

- wet and damp locations
- high impact areas
- high hygiene areas

Documents

1.1 DOCUMENTS REFERRED TO

Documents referred to in this section are:

- 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 2 mm and greater

Documents listed above and cited in the clauses that follow are part of this specification. However, this specification takes precedence in the event of it being at variance with the cited document.

1.2 MANUFACTURER'S DOCUMENTS

Manufacturer's and supplier's documents relating to work in this section are:

RESCO Installation Instructions

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

Web: www.resco.co.nz
Email: sales@resco.co.nz
Telephone: 07 850 1025
Facsimile: 07 850 1026

1.3 ABBREVIATIONS

The following abbreviations are used throughout this part of the specification:

MS Modified silicone

Requirements

1.4 NO SUBSTITUTIONS

Substitutions are not permitted to any specified **RESCO** brand products, components or accessories.

1.5 SAMPLES

Submit on request samples of panels and components for approval of colour and finishes.

1.6 QUALIFICATIONS

Installers to be experienced, competent and familiar with the materials and techniques specified. Install to **RESCO** Installation Instructions current at the time of installation.

Warranties

1.7 WARRANTY - MATERIALS

Provide the **RESCO** warranty.

10 years: For the compact laminate panel's integrity and aluminium jointers

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

Refer to the general section WARRANTIES - MATERIALS for additional requirements.

2. PRODUCTS

Materials

2.1 WALL PANELS

6 mm compact laminate panels made from thermo-setting resins to IS EN 438-4. The phenolic resin core is pre-finished on both sides with a melamine resin surface finish. Refer to SELECTIONS for colour options.

Components

2.2 JOINTERS AND CORNER PROFILES

Selected extruded aluminium 6060 alloy full length aluminium powder coated jointers and corner profiles to suit application. Refer to SELECTIONS for channel colour options.

2.3 DOUBLE-SIDED TAPE

1 mm Multicom[®] double sided tape.

2.4 ADHESIVE

MS polymer adhesive.

2.5 PROFILE FIXING

Use fit for purpose stainless steel screws.

3. EXECUTION

Conditions

3.1 HANDLE AND STORE

Handle and store panels and accessories to avoid damage. Keep dry in transit, store clear of and on a level floor and cover for protection.

3.2 SUBSTRATES CHECK

Before commencing installation of the **RESCO** Multicom[®] system ensure all substrates are plumb, level and in true alignment.

3.3 PROTECT

Protect adjoining areas, surfaces and finish from damage.

Application

3.4 INSTALL BATTENS

Use non-corrosive fixings to fix 18 mm x 40 mm H3.1 battens @ 600 mm centres on a concrete block wall.

3.5 INSTALL ALUMINIUM JOINTERS AND CORNER PROFILES

Install aluminium jointers and corner profiles as required to the requirements of **RESCO** NZ Ltd and **RESCO** Installation Instructions.

3.6 ACTIVATOR SOLUTION

Wipe all surfaces with activator solution that will be in contact with MS Polymer adhesive.

3.7 DOUBLE-SIDED TAPE

Fix continuous full height double-sided tape to wall areas, to hold panels while MS Polymer adhesive cures.

3.8 MS POLYMER

Apply a continuous full height 5 mm bead of MS Polymer adhesive to areas where wall panelling to be fixed.

3.9 INSTALL PANELS

Dry fit every **RESCO** Multicom[®] sheet before applying double-sided tape and MS Polymer adhesive. Allow for a 3 mm expansion clearance between profiles and panel edges.

Carry out the fixing, erection and fitting to finish rigid, plumb, true to line and best practice, to the requirements of **RESCO** NZ Ltd and **RESCO** Installation Instructions. The panels can be cut with a skill saw using fine-tooth tungsten tipped blade.

Completion

- 3.10 **REPLACE**
Replace damaged or marked elements.
- 3.11 **LEAVE**
Leave work to the standard required by **RESCO** NZ Ltd.
- 3.12 **REMOVE**
Remove debris, unused materials and elements from the site.

4. SELECTIONS

- 4.1 **WALL PANELS**
 - Brand: **RESCO**
 - Type: Multicom®
 - Panel description: 6 mm pre-finished compact laminate wall-panel
 - Panel size: 2440 mm x 1840 mm x 6 mm
 - Panel colour: ~
 - Aluminium colour: Powder coated to match panels

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