

MultiCom[®]

Advanced wall panelling

PRODUCT TECHNICAL STATEMENT



Specifics about the system

- Large sheets 2450mm x 1850mm x 6mm
- Glue fixed in place with Soudaseal, activator and double sided tape.
- Aluminium jointers with custom expansion slots.
- One panel solution – no substrate required.
- Prefinished panels.
- High impact resistance.
- Batten's required in Wet and Humid areas at 600 centers.
- Direct Fixing onto Timber framework in dry rooms.

Panel Information

- All Antibac panels are sourced from an ISO 9001 approved company.
- All panels are made to International Standards EN 438-2: 2005.
- No halogen, biocides, pesticides, heavy metals (e.g. lead, cadmium, chromiumVI, mercury), or plasticisers are used in the production of Antibac panels.
- Virgin raw materials are used in the manufacturer of all Antibac panels.
- All kraft paper used in the manufacture of Antibac panels is sourced from renewable forests.
- All Antibac panels are Greenguard certified and will contribute to points in the Greenstar rating system.
- All panels are anti-microbial and will actively kill 99.99% of bacteria, fungi and viruses within 24 hours.
- We offer a 10 year guarantee on panel integrity.

PANEL COLOUR OPTIONS

The MultiCom system is available in:

- 12 AntiBac stock colours.
- 20 AntiBac Designer colours – 12 week lead time.

For a full list go to www.resco.co.nz/colours

Aluminium information JOINTERS

Dulux powder coated 6060 aluminium:

- 5063 Internal corner.
- 5064 External corner.
- 4945 H-jointer.
- 593 End capping.
- 5510-5000 25 x 25 mm angle.
- X223-5000 25x50mm angle.

ALUMINIUM COLOUR OPTIONS

Multicom Aluminium Jointers are available in any of the Dulux power coating range.

Our stocked colours are Pearl White, Off White and Silver Pearl.

Building Code Compliance

BI STRUCTURE

BI.3.1, BI.3.2 AND BI.3.4

The MultiCom system complies with these requirements for loads arising from self-weight and impact.

B2.3.1 DURABILITY

Resco's products exceed requirements. Our systems are made using Compact Laminate panels that have 10 year warrantee, however we expect these panels to have a serviceable life of 20+ years. (Examples: Orewa top 10 Holiday Park – over 20 years old & Waikato Stadium - over 16 years old).

E3.2, E3.3.4 INTERNAL MOISTURE

Resco's products comply with these requirements. Our products are made from panels that have silver-ion technology. Panels actively kill up to 99% of bacteria within 2 hours for the life of the panel. The panels are waterproof and perfect for wet areas. (Tested to ISO 22196:2011, EN 438 4:2005).

E3.3.6 INTERNAL MOISTURE

The Multicom system complies with these requirements. Resco's Multicom wall lining is Branz appraised and is designed to prevent water splashing onto the timber framework. (Branz Appraisal).

F2.3.1 HAZARDOUS BUILDING MATERIALS

The MultiCom system complies with these requirements and will not present a health hazard to people.

G1.3.2 PERSONAL HYGIENE

Resco's products comply with these requirements. The design of Resco systems are unique, they have fewer dirt traps, improved privacy and easier to clean.

BUILDING CODE COMPLIANCE CONTINUED NEXT PAGE

RESOCO

RESOCO
ANTIBAC PANEL
Lifetime Protection

PRODUCT TECHNICAL STATEMENT

BUILDING CODE COMPLIANCE CONTINUED

G3.3.2 FOOD PREPARATION AND PREVENTION OF CONTAMINATION

The MultiCom system complies with these requirements. Resco's products are made using Compact Laminate that are solid resin. This means that the panels are waterproof, hygienic and easy to clean. (ISEGA 37940 U 14).

GREENSTAR V3.1 - MAT-4

Improves interior air quality by reducing VOC and Formaldehyde emissions. (Greenguard gold certification).

LIVING BUILDING CHALLENGE

Resco's Antibac panels are free of the ingredients appearing in the Red List Summary of the Living Building Challenge (Supplier declaration).

NZBC CVM2/AS2-AS7

Resco's panels are suitable for application in rooms with intermittent use. We typically propose our systems in toilet and shower blocks. (BRANZ testing FH 5110 - Group 3 rating).

Hardware information

ACCESSORIES

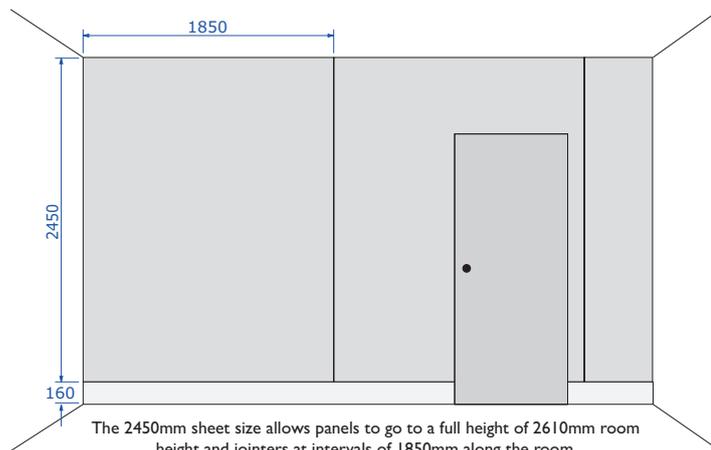
- Adhesive – Holdfast Soudaseal 240FC
- Adhesive Activator – Holdfast Gorilla Surface Activator.
- Double sided tape – Holdfast gator tape, 12 mm x 2 mm x 60m.
- Timber Battens – H3.1 or H1.2 treated, 40 x 18 mm radiate pine.
- Vent strip – PVC vent strip, 16mm wide.
- Fixings – 32mm x 8 g stainless steel countersunk screws.
- Building underlay – wall underlay complying with the requirements of the NZBC clause E2/AS1, Table 23.

Dimension details

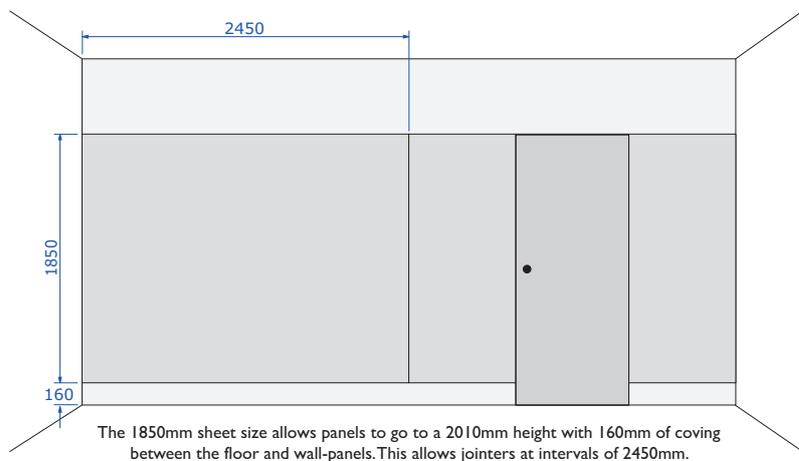
- MultiCom sheets are available in a 2450 x 1850 x 6mm.
- Typically installed 160 off the ground to match up with the bottom of the cubicle height.
- MultiCom can be fixed either horizontally or vertically but some panel colours have a grain that will need to be considered.

For CAD drawings go to: www.resco.co.nz/multicom

FULL HEIGHT PANELLING (vertical fixing)



PANEL CONFIGURATION OPTIONS (horizontal fixing)



All measurements are in millimetres.



Warranty information

Our standard warranties are:

- 10 years Compact Laminate panel integrity.

For further information contact Customer Services on 0800 800 950 or www.resco.co.nz.