

5214HP HALE MANUFACTURING TOILET & SHOWER PARTITIONS

1. GENERAL

This section relates to the supply and installation of **Hale** partitioning systems using proprietary, prefabricated toilet partitions and screens.

It includes;

- Hale Stratos HPL Partition System
- Hale Stratos LPL Partition System
- Hale Contemporary Partition System
- Hale Multipurpose Partition System
- Hale Freestyle 13 Partition System
- Hale Freestyle 18 Partition System
- Hale Freestyle 13 Kindergarten Partition System
- Hale Freestyle 18 Kindergarten Partition System
- Hale Delta Partition System
- Hale SwissCDF 13 Partition System
- Hale Quintrex 13 Partition System
- Hale Quintrex 18 Partition System
- Hale Pinnacle 13 Partition System
- Hale Pinnacle 18 Partition System
- Hale Horizon 13 Partition System
- Hale Horizon 33 Partition System
- Nimbus 13 Partition System
- Nimbus 18 Partition System

1.1 RELATED WORK

Refer to ~ for ~

Documents

1.2 DOCUMENTS

Refer to the general section 1233 REFERENCED DOCUMENTS. The following documents are specifically referred to in this section:

[NZBC C/AS1-AS7](#) Protection from fire

JIS Z 2801 Antibacterial products - Test for antibacterial activity and efficacy

1.3 MANUFACTURER/SUPPLIER DOCUMENTS

Manufacturer's and supplier's documents relating to this part of the work:

Nimbus 13 Partition System

Fire Test Report 7-598692-CV, Group Classification 3 for 13mm Laminex Compact Laminate (Laminex New Zealand)

Fire Test Report 16-005465, Group Classification 3 for 13mm Compact Laminate (Hale In-House Compact)

Fire Test Report 15-000776, Group Classification 3 for Structural MR Board (Laminex New Zealand)

Fire Test Report 7-595263-CO, Group Classification 3 for SwissCDF

Fire Test Report 7-598418-CV, Group Classification 3 for MDF with High Pressure Laminate (Laminex New Zealand)

Fire Test Report FH 5026, Group Classification 3 for MDF with Low Pressure Laminate (Laminex New Zealand)

Manufacturer/supplier contact details

Company: Hale Manufacturing Ltd

Web: www.haleman.co.nz

Auckland:

Email: haleak@haleman.co.nz

Telephone: 09 573 5999

Wellington:

Email: alan@haleman.co.nz

Telephone: 04 570 5888

Christchurch
Email: propserv@paradise.net.nz
Telephone: 03 981 7442

Warranties

1.4 WARRANTY - MANUFACTURER/SUPPLIER

Provide a material manufacturer/supplier warranty:

10 years	Panel integrity for 13mm Compact Laminate
7 years	Panel integrity for 18mm, Structural MR Board
7 years	Panel integrity for Melteca
5 years	Panel integrity for 13mm SwissCDF
2 years	Panel integrity for MDF core
2 years	Hardware

- Provide this warranty on the manufacturer/supplier standard form.
- Commence the warranty from the date of Practical Completion of the contract works.

Refer to the general section 1237 WARRANTIES for additional requirements.

1.5 WARRANTY - INSTALLER/APPLICATOR

Provide an installer/applicator warranty:

2 years	For installation by Hale Manufacturing Installation Team
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- Provide this warranty on the installer/applicator standard form.
- Commence the warranty from the date of Practical Completion of the contract works.

Refer to the general section 1237 WARRANTIES for additional requirements.

Requirements

1.6 QUALIFICATIONS

Installers to be experienced, competent trades people familiar with the materials and installation techniques specified.

1.7 NO SUBSTITUTIONS

Substitutions are not permitted to any of the specified **Hale** systems, components and/or associated product listed in this section.

1.8 SAMPLES

Submit on request samples of panels and componentry 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.

2. PRODUCTS

Materials - Hale Nimbus 13 Partition System

2.1 CHANNELS, RAILS AND BRACKETS

Extruded aluminium alloy 6063 with exposed face anodic coated. 30mm x 25mm x 3mm channel forming head-rail
25mm x 22mm x 2mm channel forming wall channels.

2.2 PANELS - COMPACT LAMINATE

13mm compact laminate panels with black core. Edges polished finish only. Certified anti-microbial to JIS Z 2801 and ASTM G22. Incorporating a permanent anti-microbial agent to retard the growth of up to 99% of common bacteria on the surface within 24 hours.

2.3 PANELS - COMPACT DENSITY FIBREBOARD (CDF)
Machine finished 13mm Swiss CDF panels with black core. Edges polished finish only. Certified anti-microbial to JIS Z 2801 to prevent the growth of 99% of common bacteria on the surface within 24 hours.

2.4 DOORS
To match the panels and pre-drilled for hardware

Components - Hale Nimbus 13

2.5 HINGES
Stainless steel 75mm x 50mm butt hinges, to match the aluminium section in size. Three hinges per door.
Type: Butt, stainless steel finish.

2.6 PEDESTALS
Metal standard with flanged top and bottom to screw fix to panel and floor.
Type: One piece cast aluminium, powdercoated silver pearl

2.7 INDICATOR BOLT AND KEEPER
Devon indicator bolt, satin chrome finish.

2.8 HAT AND COAT HOOKS
Concealed-fix Avanti or Wave coat hook and bumper, satin chrome finish

3. EXECUTION

Conditions

3.1 DELIVERY, STORAGE AND HANDLING
Take delivery, handle and store tracks, studs, panels and accessories on site on a level floor and cover.
Protect finished surfaces, edges and corners from damage.
Move/handle goods in accordance with manufacturer's requirements.
Reject and replace goods that are damaged or will not provide the required finish.

3.2 PRE-INSTALLATION REQUIREMENTS
Check work previously carried out and confirm it is of the required standard for this part of the work. Ensure substrate plumb, level and in true alignment.

Application

3.3 INSTALL SCREENS
Carry out the fixing, erection and fitting to finish rigid, plumb, true to line and face and square, to the Hale Manufacturing Ltd requirements.

3.4 INSTALL COMPONENTS
Hang doors and fit hardware to the Hale Manufacturing Ltd requirements.

Completion

3.5 ROUTINE CLEANING
Carry out routine trade cleaning of this part of the work including periodic removal of all debris, unused and temporary materials and elements from the site.

3.6 DEFECTIVE OR DAMAGED WORK
Repair damaged or marked elements. Replace damaged or marked elements where repair is not possible or will not be acceptable. Leave work with parts fully and freely working to the standard required for following procedures.

4. SELECTIONS

For further details on selections go to www.haleman.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	~
3	Structural NR Board	~
3	SwissCDF	~
3	MDF with HPL	~
3	MDF with LPL	~

Materials - partition system

4.2 HALE NIMBUS 13 PARTITION SYSTEM

Location: ~
Manufacturer: Hale Manufacturing Ltd
Brand: **Nimbus 13 Partition System**
Panel type: ~
Panel laminate: Self supporting high pressure laminate
Std panel height: 1800mm
Panel colour: ~
Component colour: Natural silver anodised
Pedestal/height: Cast alloy powdercoated foot
Hardware: Satin chrome finish
Toilet roll holder: ~