

K-Freestanding LPL/HPL/Compact Partition System

5214 KERMAC TOILET PARTITION SYSTEMS

1. GENERAL

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

It includes;

- K-Freestanding LPL/HPL/Compact toilet 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:
K-Freestanding Brochure

Fire Test Report FH 5026, Group Classification 3 for KerMac LPL (Laminex New Zealand)

Fire Test Report 7-598418-CV, Group Classification 3 for KerMac HPL (Laminex New Zealand)

Fire Test Report 7-598692-CV, Group Classification 3 for K-Compact system (Laminex New Zealand)

Manufacturer/supplier contact details

Company: KerMac Industries

Web: www.kermac.co.nz

Email: kerry@kermac.co.nz

Telephone: 09 273 1524

Warranties

1.4 WARRANTY - MANUFACTURER/SUPPLIER

Provide a material manufacturer/supplier warranty:

5 years For panel integrity

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

- 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 techniques specified.
- 1.7 NO SUBSTITUTIONS
Substitutions are not permitted to any of the specified **KerMac** systems, components and associated products 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 – K-Freestanding LPL/HPL/Compact partition system

- 2.1 CHANNELS, RAILS AND BRACKETS
Extruded aluminium alloy 6060 with exposed face anodic coated.
- 2.2 PANELS - MDF
18mm MDF with factory applied low pressure laminate in low abuse, dry areas (30mm front panels available).
16mm MDF core faced with high pressure laminate. 2mm PVC edging to perimeter of all panels.
- 2.3 PANELS – PLYWOOD
18mm Marine-Ply core faced with high pressure laminate in wet areas. 2mm PVC edging to perimeter of all panels.
- 2.4 PANELS - COMPACT LAMINATE
13mm compact laminate panels with black core. Edges polished finish only.
Antimicrobial to JIS Z 2801 to prevent the growth of bacteria on the surface up to 99% within 24 hours
- 2.5 DOORS
To match the rigid panels complete with PVC edging tape 4 sides (LPL/HPL only) and polished machined edges to compact laminate.
Modesty hair strip to all door sides only.

Components

- 2.6 HINGES
To match the aluminium section in size, 3 hinges per door.
Type: Rise and fall hold open. Die cast finish.
- 2.7 PEDESTALS
Custom Stainless Steel wrapped surrounds fixed to the floor using KerMac rod system.
Type: Stainless steel finish.
- 2.8 INDICATOR BOLT AND KEEPER
Turn bolt and Indicator
Type: Stainless steel finish
- 2.9 HAT AND COAT HOOKS
KerMac standard stainless steel coat hook with integrated door stop.

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 KerMac Industries requirements.

3.4 INSTALL COMPONENTS

Hang doors and fit hardware to the KerMac Industries 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.kermac.co.nz

Substitutions are not permitted to the following, unless stated otherwise.

Performance

4.1 SURFACE FIRE PROPERTIES

Group Number	Panel/Finish	Location
~	Low Pressure Laminate High Pressure Laminate Compact Laminate	~

Materials - partition system

K-FREESTANDING PARTITION SYSTEM

4.2

Brand:	KerMac Industries
System type:	K-Freestanding LPL/HPL/Compact Partition System
Panel description:	18/30mm Low Pressure Laminate/High Pressure Laminate or 13mm Compact Laminate
Panel colour:	~
Component colour	Channels/Rails/Brackets, Natural Silver anodised
Pedestal Height	Custom Stainless Steel wrapped surrounds, 100mm
Hardware	Stainless steel finish