Permanent K-Wall Linings System

5137 KERMAC 6MM COMPACT WALL LININGS

1.　　　**GENERAL**

This section relates to the supply of KerMac pre-finished proprietary interior   wall paneling system for:
- wet and high humidity environments
- dry areas
- high abuse areas
- high standard of hygiene requirement

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

Manufacturer/supplier contact details
Company:　　　　KerMac Industries
Web:　　　　　　www.kermac.co.nz
Auckland
Email:　　　　　　kerry@kermac.co.nz
Telephone:　　　　09 273 1524

Warranties

1.1　　　WARRANTY - MANUFACTURER/SUPPLIER
Provide a material manufacturer/supplier warranty:
10 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.

1.4　　　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

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

1.6   NO SUBSTITUTIONS
Substitutions are not permitted to any of the specified **KerMac Industries** systems, components and associated products listed in this section.

1.7   SAMPLES
Submit on request samples of panels and componentry for approval of colour and finishes.

Performance

1.8   SURFACE FIRE PROPERTIES
Group Number to NZBC C/AS2-AS7, table 4.1. Refer to SELECTIONS.

2.   PRODUCTS

Materials

2.1   6MM COMPACT LAMINATE
6mm Compact Laminate panels made from thermosetting resins to IS EN 438-4 and anti- bacterial properties certified to JIS Z 2801:2000.

Components

2.2   JOINTERS AND CORNER PROFILES
White PVC Jointers or
Extruded aluminium alloy 6063 with silver anodised finish. Extrusions may be powdercoated to any colour as an optional extra.

2.3   ADHESIVE
Panel adhesive applied in 6mm bead using Soudaseal 240FC adhesive.

3.   EXECUTION

Conditions

3.1   DELIVERY, STORAGE AND HANDLING
Take delivery of panels and accessories and store on site and protect from damage.
Protect finished surfaces, edges and corners from damage and store horizontally at all times. Move/handle goods in accordance with manufacturer's requirements.
Reject and replace goods that are damaged or will not provide the required finish.
Panels must be pre-conditioned in the room they are to be installed in for not less than 24 hours prior to fixing.

The panels can be cut to size using a Skill Saw with a fine tooth tungsten tip blade.

3.2   SUBSTRATE
Ensure substrate plumb, level and in true alignment.

3.3   PROTECT
Protect adjoining areas, surfaces and finish from damage.

Application

3.4 INSTALL TIMBER BATTENS
Fix H3.1 40mm x 18mm timber battens vertically only at maximum 600 centres to the wall using stainless steel or galvanized fixings. Battens must be securely fixed to a solid substrate or straight to timber framing.

3.5 INSTALL ALUMINIUM CORNER AND JOINTERS
Screw or nail fix corner and jointers progressively with the panels using stainless steel screw or galvanized fixings. Allow 3mm expansion gaps in the extrusion.

3.6 DRY FIT 6MM PANELS
Dry fit the panels to test and mark batten positioning.

3.7 APPLY CLEANING SOLVENT
Wipe the back of the compact laminate with Number Two solvent or Acetone solvent where the glue will contact the panel.

3.8 APPLY DOUBLE SIDED FOAM TAPE
Apply continuous 3mm foam tape to battens.

3.9 APPLY PANEL ADHESIVE
Apply a continuous 6mm bead of Soudaseal 240FC adhesive or other approved adhesive to the battens.

3.10 INSTALL PANELS
Install the panels. Ensure there is a 3mm expansion gap within the extrusion.

Completion

3.11 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.

3.12 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 to the standard required by KerMac Industries.

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
Panel/Finish: Compact Laminate Panels
Group Number: 3

Materials - partition system

PERMANENT K-WALL LININGS SYSTEM

1.1

Brand:	**KerMac Industries**
System type:	**Permanent K-Wall Linings System**
Panel description:	6mm Compact Laminate panel
Panel colour:	~
Panel size:	2440mm x 1240mm
Extrusions	White PVC or extruded aluminium natural silver anodised