

SPECIFICATION:

Jaydex Acrylic Membrane System with a Tile Overlay On Concrete and Cement Fibre Lined Shower Room Floors/Walls

INTERNAL SOLUTION

AQUA332CS

OCT 2009

INTRODUCTION

This specification outlines the preparation and application of the **Jaydex Aquadex** waterbased high build acrylic (liquid applied) membrane for a walk in shower room, bathroom, laundry kitchen or toilet. The **Jaydex Aquadex** membrane is subsequently overlaid with tiles throughout floor and designated wall areas of these, Internal Wet Areas

SUB FLOOR PREPARATION

The sub floor usually consists of concrete. If the sub floor consists of timber then a cement fibre board must be fixed over the timber sub floor and walls. In all cases the sub floor/wall preparation must meet the relevant requirements of the NZ Building Code and / or relevant Territorial Authority Regulation.

WET AREA PREPARATION

The sub floor areas are feathered to coincide with any floor drainage outlet openings. Jaydex Waterbased Epoxy (**Jaydex Novapoxy**) primer is prepared and applied (by brush) as a single coat application over all the relevant floor/wall areas.

APPLICATION OF THE MEMBRANE SYSTEM

Membrane On Walls

On all internal corners and vertical to horizontal transition, lines apply adhesive Butyl seal tape or a single **Jaydex Aquadex** (CSM reinforced) stripe coat 150 mm wide (min). This application is inclusive of dressing into all holes created for water delivery. Once the reinforced **Aquadex** stripe coats are cured 2 further coats (with CSM reinforcement) of **Aquadex** are applied by roller right over the wall areas to be tiled as well as those wall areas that will back against the final positions of bath laundry tub, kitchen sink, handbasin and toilet stands. Adequate curing time must be given between each **Aquadex** application. The coverage rates are approximately 2 sqm/litre.

Membrane on Floors

The 3 coat reinforced **Jaydex Aquadex** system is applied as follows;

1. Liquid apply by roller or brush first coat of **Jaydex Aquadex** right over the total floor area and while **Jaydex Aquadex** is still wet roll into it a 300 gsm reinforcing (fibreglass) matting. Leave the **Jaydex Aquadex** to cure overnight. Ensure all outlet drainage openings are inclusive of this procedure.
2. Liquid apply by roller or brush a second coat of **Jaydex Aquadex** over the cured **Aquadex** base coat and leave to cure.
3. Liquid apply by roller third coat of **Jaydex Aquadex** over the previous 2 coats and leave to cure.

NOTE: 2nd and 3rd coats can usually be done on the same day.

NOTE: The total floor area means under all bath, laundry tub, kitchen sink, handbasin and toilet stands which are normally tiled around after their installation.

DRAINAGE OUTLETS

Proprietary floor drain outlets are installed after the final **Jaydex Aquadex** application has fully cured out. It must be fixed at a height to be flush with or just below the expected floor tile surface height.

TILE OVERLAY

The last coat of **Jaydex Aquadex** is to be left 72 hours minimum before commencement of the tile application. We recommend **Flexcos Flexi Wall 'n' Floor (no water added)** or **RLA's Butylbond** tile adhesive to adhere the tiles to the cured **Jaydex Aquadex** membrane

WARRANTY

When Jaydex Licensed Contractors apply this membrane system in accordance with the specification, a standard warranty will be issued for up to fifteen (15) years.