

## SPECIFICATION:

Jaydex High Build Acrylic Membrane System with a Tile Overlay for a Solid Polyurethane Shower Base and Bathroom Floors/Walls

**INTERNAL SOLUTION**

**AQUA330PU**

**AUGUST 2010**

### INTRODUCTION

This specification outlines the preparation application of the **Jaydex Aquadex** waterbased high build acrylic (liquid applied) membrane over a rigid premoulded polyurethane shower base in an enclosed step into shower cubicle plus associated wall & floor areas for a typical bathroom. These areas will be subsequently partially or wholly overlaid with ceramic tiles.

**NB** The **Jaydex Novapoxy** has a matt finish enabling reliable adhesive contact to overlays such as rubber/carpet floor liners.

### SUB FLOOR PREPARATION

The prepared sub floor usually consists of either concrete, slate or timber. In the case of Timber floor and walls these must be lined with fibre cement board or similar. In all cases the sub floor and shower wall composition and preparation must meet the relevant requirements of the NZ Building Code for Internal wet areas.

### WET AREA PREPARATION

**Jaydex Waterbased Epoxy (Novapoxy)** primer is prepared and applied (by brush) as a single coat over all floor and wall areas. A premoulded polyurethane base is then glue applied hard against shower cubical walls with falls feathered to the drainage outlet

### APPLICATION OF THE MEMBRANE SYSTEM

#### Membrane to Walls of Shower Cubicle

On all internal corners and vertical to horizontal transitions, apply Flexco self adhesive Butyl seal tape or a single **Jaydex Aquadex** (CSM reinforced) stripe coat 150 mm wide (min). This application is inclusive of dressing into wall holes created for the shower rose and taps. Once the reinforced **Aquadex** strips coats are cured 2 further coats (with reinforcement) of **Aquadex** are applied by roller right over the solid wall areas to cover the full extent of the subsequent wall tiled area. Adequate curing time must be given between each **Aquadex** application. The coverage rates are approximately 2 sqm/litre.

#### Membrane To the Shower Cubical Base and Associated Adjacent Floor Areas

A 3 (three) coat CSM reinforced **Jaydex Aquadex** system is applied directly over the premoulded rigid shower base with turn ups to the walls extending over the shower base lip edges onto the exposed floor areas.

**NOTE:** The adjacent floor areas only requires two **Aquadex** coats with CSM reinforcement including Jaydex Aquadex CSM reinforced strips to all vertical to horizontal transitions around all bath, hand basin, stands in the bathroom area.

The 3 coat reinforced **Jaydex Aquadex** system for the premoulded shower base is applied as follows;

1. Liquid apply by roller or brush first coat of **Jaydex Aquadex** right over the shower base and while **Aquadex** is still wet roll into it a 300 gsm reinforcing (fibreglass) matting. Leave the **Aquadex** to cure overnight. Ensure the drainage hole is inclusive of this procedure.
  2. Liquid apply by roller or brush 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 previous 2 coats and leave to cure.
- Note:** 2<sup>nd</sup> and 3<sup>rd</sup> coats can usually be done on same day.

#### **DRAINAGE OUTLETS**

A proprietary shower drain outlet is installed into the shower base drain hole 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 final floor tile surface height.

#### **TILE OVERLAY**

The last coat of **Jaydex Aquadex** to be left 72 hours minimum before commencement of the tile application. We recommend **Flexico's Flexi Wall 'n' Floor (no water added)** or **RLA's Butylbond** tile adhesive to adhere the tiles to the cured **Jaydex Aquadex** membrane on both the shower base, solid wall and exposed sub floor areas.

#### **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.