

SPECIFICATION:

Jaydex High Build Acrylic Membrane System With a Tile Overlay for a Cement Plaster Shower Base and Bathroom Floors/Walls

WET AREA SOLUTION

AQUA330CP

AUG 2010

INTRODUCTION

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

SUB FLOOR PREPARATION

The prepared sub floor usually consists of either concrete, slate or timber. In the case of Timber floor/ 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 the floor and wall areas. A plaster cement screed is then applied to the floor hard against the shower cubical walls with falls feathered to the drainage outlet. The plaster cement is left to cure for the specified period

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 cured cement plaster base extending over the shower base lip edges onto the exposed floor areas

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

The 3 coat reinforced **Jaydex Aquadex** system for the cement plaster 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:** 2nd and 3rd 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 **Flexco'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 associated 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.