



SPECIFICATION:

Jaydex Novater Single Sheet Membrane For Earth Filled Planter Boxes

BELOW GROUND SOLUTION

NOVA203c

AUGUST 2010

INTRODUCTION

This Specification includes the preparation and application of the **Jaydex Novater** 3mm single layer sheet membrane system applied direct to the internal bottom and sides of earth filled planter boxes. The applied sheet membrane is then overlaid with a proprietary drainage cell/ sheet system and geotextile cloth on the floor area and protection board on the wall areas. The protection board must be tough enough to resist normal spade / fork activity. This completed system is then filled with free draining soil and planted out. In the event that the planter will be introduced to rare plants or shrubs with aggressive root systems such as tropical palms then the **Jaydex Novater WS Membrane** sheet membrane system would be substituted for the **Jaydex Novater Membrane** System.

PREPARATION

Floor of Planter

A concrete screed is laid down on to the planter invert to act as a base for the horizontal application of membrane and to create a fall / falls to an outlet point. The concrete is to be free of protrusions and cavities and cured for a prescribed period. **See Jaydex Substrate Preparation Data for further details.**

Walls of Planter

Concrete or concrete block to be free of sharp protrusions and cavities and cured for the prescribed period.

APPLICATION OF MEMBRANE SYSTEM

Primer

One coat of **Bitumen Primer** is applied to all internal planter surfaces at a spreading rate of approx. 8sqm/L, by brush or roller and allowed to dry.

Membrane To Walls & Floor Planter

All drainage points, internal and external corners and vertical to horizontal transitions shall have plain membrane, gusset patches and strips applied before the **Jaydex Novater** membrane is applied over the entire internal wall/ floor surface area of the Planter.

PROTECTION & DRAINAGE

To Horizontally Laid membrane On Concrete Floor

A propriety drainage cell / sheet system to be laid over the sheet membrane followed by a geotextile cloth and / or weed matting.

To Vertically Laid Membrane on Concrete Walls

Fork/ spade resistant protection such as cement board, sheets or similar to be butt jointed and applied to the membrane of walls using spot adhesive applications of **Jaydex Easygum**.

Outlets

Jaydex outlets of various configurations are available to drain water from the membrane planter via strong lightweight proprietary side drain and top drain units.

Warranty

When **Jaydex** Licensed Contractors apply this membrane system in accordance with the specification, a conditional warranty will be issued for twenty (20) years.

JAYDEXADDRESS: P.O. BOX 100000, NSMC, AUCKLAND, NEW ZEALAND, PHONE: (09) 4441751, FAX: (09) 444 0132 The Information contained In this Specification Is based on our experience and testing and represents the latest Information available at the date of production. No responsibility is taken for uses to which this information may be put, but we advise that where application of products and processes is in complete conformity with this specification an appropriate warranty may be available. We reserve the right to update information parameters and formulations at any time without prior notice. **Visit www.jaydex.com**