

SPECIFICATION:

Jaydex Easygum Liquid Cured Membrane System For Earth Filled Planter Boxes

BELOW GROUND SOLUTION

NOVA226c

AUGUST 2010

INTRODUCTION

This Specification includes the preparation and application of the Jaydex Easygum Bitumen/ Rubber 1 – 2 mm thick membrane system applied direct to the internal bottom and sides of earth filled planter boxes. The applied membrane is then overlaid with a proprietary drainage cell/ sheet system and on the floor area and protection board on the wall areas. The protection board must be able to resist normal spade/fork activity. This completed system is then filled with free draining soil and planted out. In the rare event that the planter will be introduced to plants or shrubs with aggressive root systems such as tropical palms then the **Jaydex Novater WS** sheet membrane system would need to be substituted for the **Jaydex Easygum 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 Subtrade 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 **Easygum** (let down with added water) 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 of Planter

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

The **Easygum** membrane application process throughout the planter would involve a two coat process of **Easygum** applied with brush/ roller with the first application being reinforced with 300 gsm C.S.M. Allow adequate curing times between each coat.

PROTECTION & DRAINAGE

To Horizontally Laid membrane on Concrete Floor

A propriety drainage cell/ sheet system to be laid over the cured 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.