

May 2010

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BAC CANALIS RESERVOIR BOARD

USAGE

Axter's BAC CANALIS reservoir board is used as a water retention board under extensive green roofs on flat or sloping roofs. It can also be used under intensive green roofs which require an element of water retention. A further use is as permanent shuttering on green roofs under hard landscaping.

COMPOSITION

BAC CANALIS is an injection moulded polypropylene board comprising 48 separate beakers containing, when full, 20 litres of water/m². The beakers are linked by a lip ensuring an even distribution of water over the entire roof surface. Boards clip together and provision has been made so that excessive water, in storm conditions, can run off.

BAC CANALIS can be used on both new and refurbishment projects onto virtually any substrate.

DIMENSIONS

Boards are 59.8 cm x 38 cm (0.2227 m² per board) with a depth of 6cm. Bac Canalis is supplied on pallets containing 220 units, approx. 50 m².

PROPERTIES

Lightweight - Boards are lightweight and when full of water with approx. 6 cm of growing medium the roof load is about 110 kg/m².

Compressive strength - 2 tonnes/m².

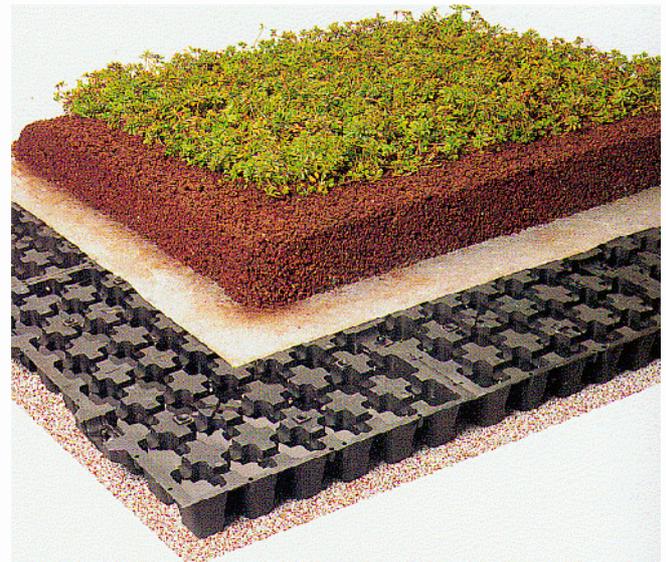
Boards are totally inert and pose no hazard to health.

Low maintenance – The use of BAC CANALIS means that extensive roofs require little or no maintenance except in long periods of drought. In the first year some weeding and watering may be necessary depending upon the time of planting.

INSTALLATION

BAC CANALIS boards are placed directly onto the waterproofing or insulation, in the case of an inverted roof, and are secured by being fitted together. Boards should then be filled with water before the application of the AXTER FILTER LAYER.

The growing medium or mat is then spread over the surface prior to planting.



ACCESSORIES

Filter layer

Available from Axter is a special filter layer, AXTER FILTER, to be laid over the BAC CANALIS to retain the growing medium. AXTER FILTER is a 200gm/m² fleece; roll size 100 m x 2 m.



Root structure 1 year after initial planting.