Planting Tray

Abstract

A planting tray for use on roofs includes a reservoir for retaining water, a mesh plate supported above the reservoir and one or more wicks supported by the plate and depending into the reservoir for wicking water from the reservoir. The mesh plate is covered by a geo-textile and a layer of planting media. he reservoir has a base and side and end walls and a ledge extending around the internal perimeter of the reservoir. The lower part of the reservoir is divided into cells by internal walls. Two outlets/exits are provided at a height which is slightly lower than the height of the ledge above the base. The outlets are in fluid communication with sockets defined on the underside of the tray for receiving spigots in fluid communication with a network of pipes, thus allowing drainage of water to the network of pipes. Removal and replacement of trays from the network of pipes is possible. Elongate recesses are defined on the underside of the tray for accommodating the pipes.

Fig 1