

Title (en)
A DRAINAGE ASSEMBLY

Title (de)
ENTWÄSSERUNGSANORDNUNG

Title (fr)
ENSEMBLE DE DRAINAGE

Publication
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Application
EP 17162686 A 20170323

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Abstract (en)
The present invention describes a drainage assembly (100) having adequate load bearing capacity for draining water from depth restricted man-made surfaces comprising of a plurality of interconnected double walled base channel element (1) with/without filling agents, featuring a locking rib (10) along the inner walls of the said channel element (1) for mechanically locking the grating/cover (7) with a transversely located locking plate (3); a filter (19) to prevent the entry of undesirable objects into the said drainage assembly (100); a plurality of anchor bolts (16) and composite anchor plates (8) for securely fixing the said drainage assembly (100) into the surrounding concrete surface and to support heavy compressive loads and prevent caving-in of the walls of the said base channel element (1); a plurality of bottom connector (2) for connecting at least two of the said base channel element (1) to form a water tight permeant seal, a plurality of end cap adapted to fit on either ends of the said channel element (1); and a plurality of drainage outlets for draining water. In addition, the said drainage assembly (100) has the flexibility of placing the grating/cover (7) on various edge configuration of the said base channel element (1)

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