

MDrain-30H

Stormwater Detention Board
#310203U2



Manual

■ Green up the roof!



Application:

MDrain-30H is designed for continuous drainage of flat- and low slope roofs, including vegetated areas and hard-surface pedestrian areas of extensive and semi-intensive vegetative roofs especially for climates with seasonally high yield precipitation. The serpentine formed channels detain the storm surge on extensive vegetated roofs, while assures the maximum detention capacity by the next rain event.

Installation instructions:

Starting at the bottom of the slope, successive boards should be placed overlapping 1 row of cups with the previous one. Care must be taken that floating shoulders are continuous where boards overlap. When large continuous surfaces are to be covered, boards should be laid in a bond pattern where every second row begins with a half-board. If the installation is staged over a period of time boards may be filled with aggregate to ballast them, or they may be held in place with sand bags or other temporary loads. To prevent fine soil particles from leaving with storm water run-off, VLF geotextile filtration fabric is installed over the boards and beneath the soil

Installation Tools:

For safety reasons and for protection of the roof membrane, a utility knife with a hook blade should be used for cutting drainage boards. A protective layer must be placed on the waterproof membrane before any cuts are made - Do not use sharp bladed cutters or knives, and never cut materials directly on the roof or waterproof membrane.

Installation Photos:



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