

DiaDrain-25H

Flow-delay retention and drainage board.
#310203



Manual

■ Green up the roof!



Application:

DiaDrain-25H 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. The "stepped barrier" design of DD-25H causes the retention cups to fill with water in a similar fashion to filling an ice cube tray, enabling their flow-delay and retention functions. DD-25H boards are lain overlapping one row of cups with the adjacent board, starting at the bottom of the roof slope and moving upward.

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 lain 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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