



ALUMAT ENTRANCE MATS - DRAINAGE INSTALLATION GUIDE

Overview

Alumat have designed three different types of aluminium and infill entrance matting. Each type is suited to dealing with different volumes of incoming water.

Type 1. Extrusions and textile Infills.

Used where some water entering from outside needs to be contained. In such cases, Alumat 10 I, Alumat 10W, or Alumat 15 I, will be adequate.

Type 2. Extrusions, textile infills and closed drain channels.

These mats incorporate alternating closed drain channels. Water cannot pass through the mat, but the channels can contain some surface water away from shoe contact to effectively trap more water than mats with just textile infills.

These mats include Alumat 10D, Alumat 10WD, Alumat 15D, and Alumat 15WD

Type 3. Extrusions, textile infills and open draining channels

These mats are designed to channel surface water under the mat where it can be collected and discharged. High volumes of continuously flowing water can be collected and removed this way.

The mats that are designed for this use are Alumat 10DO, Alumat 10WDO and Alumat 15DO.

To function, the mats must be placed on a permeable grating that discharges into a sump that in turn, discharges to a storm water disposal system.

There are a number of grating products that can be used in conjunction with Alumat drainage mats. Alumat can suggest suppliers on request.

INSTALLATION

Usually the collection sump will need to be waterproofed and fall to an outlet where storm water can be disposed of.

The height of the supporting grating should be to a height that will bring the entrance matting, up to the adjacent flooring height, to avoid any tripping hazard.

The perimeter edging should be finished in advance of the mat installation.

To avoid any raked-cut edges, it is important that the walk-on and walk-off edges are parallel (of the same distance)

The surface of the grating needs to be adjusted so the surface is flat and level. This is important for the mat to sit properly.

See attached drawing of a typical installation.

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