

## ALUMAT DRAINAGE INSTALLATION TO MAT WELL

Alumat AL15HDD is ideal for drained mat wells.

The mat is a 'closed-draining' mat, which is designed to work with installed drainage to the set down for the mat.

The product has alternating infill and drain channels. This enables the water in each channel to be released at a predetermined point, rather than randomly being spread under the mat. It keeps the under mat clean, removing the need for under mat cleaning, and moves surface water to the drain disposal point quickly without obstruction.

Instructions for installing drainage to a set down for a matwell.

1. Form the set down to a depth of 25mm – 30mm under the finished floor surface. Allow for tiles, or whatever will be surrounding the mat well. The surface must be level. It may have a slope towards the front but that is not necessary.
2. Normally a single drainage point will be required, unless the mat is over 3 meters wide, in which case 2 drains would be best. A suitable drain would be (Allproof CYC50RC – 80mm Round Grate – Chrome Plated with a height adjustable threaded grate.?)
3. A channel needs to be created approximately 30mm wide by 10mm deep, running the depth, (front to back) and intersecting with the drain installed. Once the location has been determined, ALUMAT will cut a channel in the base of the AL15HDD mat to release water from the drain channel directly over the channel that has been created in the concrete base.

The channel in the concrete can be created one of two ways.

- a. By cutting a 30mm x 10mm (Minimum) chase in the concrete.
- b. Or laying a 10mm screed of surfacing compound over the concrete base. This is the easier option and provides a better surface for receiving the mat. The channel can be installed by laying a 30mm x 10mm fillet of timber in position, pouring the screed, and removing the fillet afterwards. Please note the mat will need to have a level surface and the finished level should be 15mm to 20mm below the surrounding finished floor surfaces.