

Extras

Installation Instructions

These installation instructions are intended to assist the work of the company responsible for an installation. They are applicable for the installation of access covers and gully gratings within this brochure (except ERMATIC®).

Prepare the rebate

Ensure the frame supporting structure is structurally integral and all old bedding material is removed. The supporting structure must be of adequate size and strength to support the frame, cover and expected loading.



Installation

It is considered good practice to wet the bedding area before applying the bedding mortar as this will assist with a positive bond between the two surfaces. Additionally this process should be repeated when the frame is lowered into position.

All traffic applications should be installed using appropriate high performance bedding mortars that are compliant with the current version of HA 104 such as Envirobed or other HA approved.

1. The bedding material must be placed on the chamber immediately after mixing. It should be placed at a depth of approximately 5 mm greater than the required bedding thickness and spread across the full width of the chamber wall. Deep trowel marks in the bedding should be filled and the surface of the bedding floated to an even finish.
2. The frame should be lowered onto the bedding as soon as possible. The frame must be placed on the bedding so that it doesn't overhang into the clear opening. All 4 sides of the frame must be fully supported.
3. The frame must be carefully tamped down to the required level and slope. This can be achieved to the specification requirements by placing a straight edge over the top of the frame and surrounding carriageway or other level control points as appropriate.
4. Any holes within the frame must be infilled with bedding material and the flanges of the frame enveloped by a minimum thickness of 20 mm of the same material. A greater thickness may be applied provided that sufficient depth is left available for placement of any surfacing layers.

