

Harmer Drainage Systems Stainless Steel Floor Channels

The new high performance stainless steel linear floor drainage range, featuring standard and slot channel options with a choice of grate finishes to suit all applications.



Stainless Steel Floor Channels - Benefits

Harmer Stainless Steel floor channels offer a range of bespoke linear floor drains, either as a standard or slot channel design with a choice of gratings to meet all applications and load requirements. Both systems are custom manufactured in a wide range of sizes and shapes to suit any project design.

Compliances

- Grate options available for load class ratings to BS EN 1433: 2002 load class A15 (15kN) to C250 (250kN)
- The stainless steel is fully pickle passivated to ensure high quality corrosion-free joints

Flow Performance

- Standard Channels are used to drain high volumes of water and waste
- Slot Channels are used to drain water and limited amounts of waste

Robust and Secure

- Available in Grade 304 or Grade 316 stainless steel
- Using 1.5mm - 2mm steel sheets. All components are welded in argon shield to ensure high quality joints
- Excellent corrosion resistance and durability

A Choice of Channels and Grates

- Channel sections up to 4m; longer channels will be connected with flanges suitable for all types of floor including vinyl floor finishes
- 5 grate options for the Standard Channel ranging from A15 to C250 load class
- The Standard Channel is available with either a v shaped or flat bottom profile
- The Slot Channel is available in four styles: Standard Mini Channel, Slot Channel, Mini Slot Channel and Maxi Slot Channel

Low Maintenance

- Easy to clean and maintain with easy access channel and drain body

Easy and Quick to Install

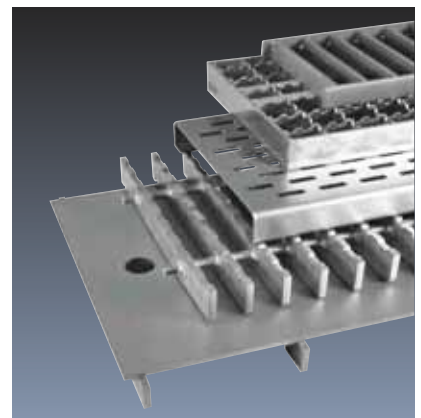
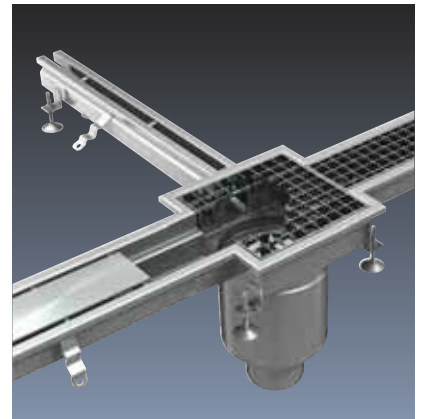
- The channel incorporates an integral fall which can be designed to the project requirements
- Integral feet and supports to help secure positioning

Value for Money

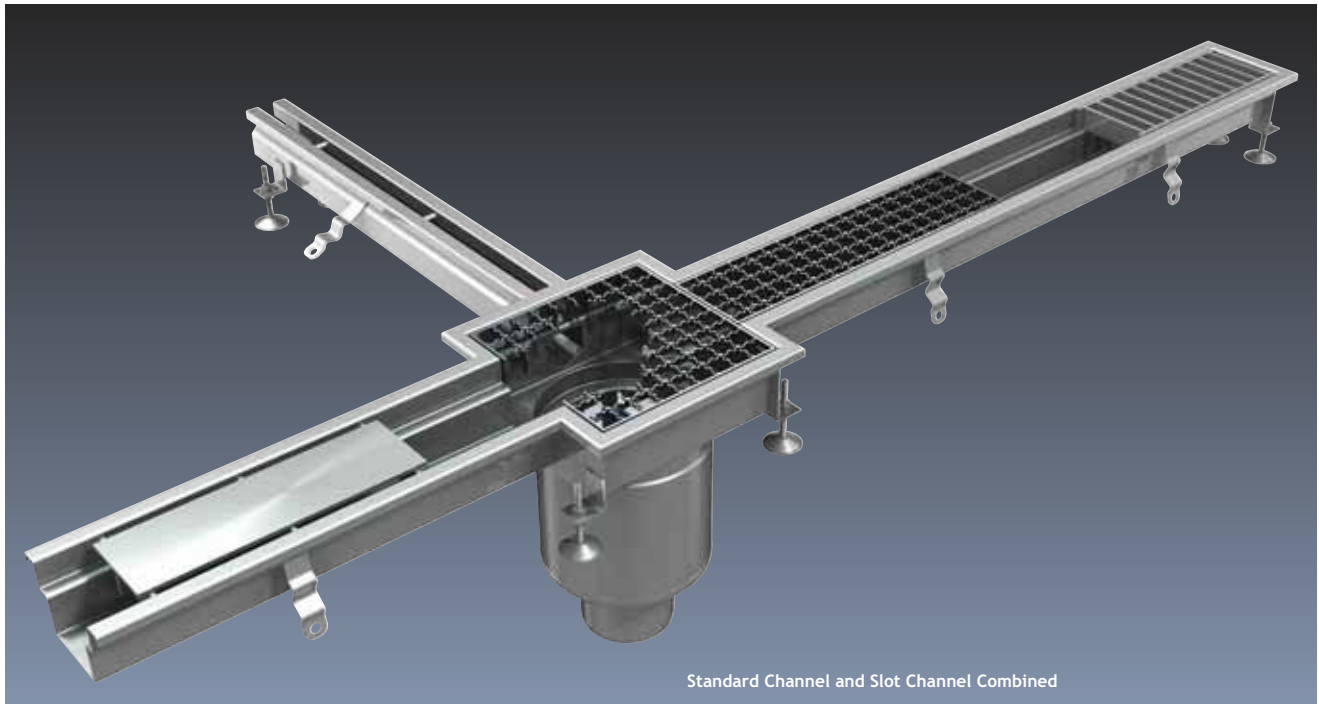
- Stainless steel is very durable and chemically resistant, ideal for industrial applications, offering excellent life-cycle costings

Sustainable

- Stainless steel is 100% recyclable
- Around 60% recycled material is used in the production of stainless steel



Stainless Steel Floor Channels - Product Range Summary



Standard Floor Channels

Standard channels are designed for applications where waste water is drained directly into the sewer system, making them ideal for applications such as food processing plants, breweries, and pharmaceutical/chemical plants.

The channels are made from 2mm Grade 304 or Grade 316 Sheets and have an in-built incline.

The channels are also fitted with levelling bolts and anchoring ties to allow correct height adjustment and placement into the floor substrate. The channels are also easily configurable.

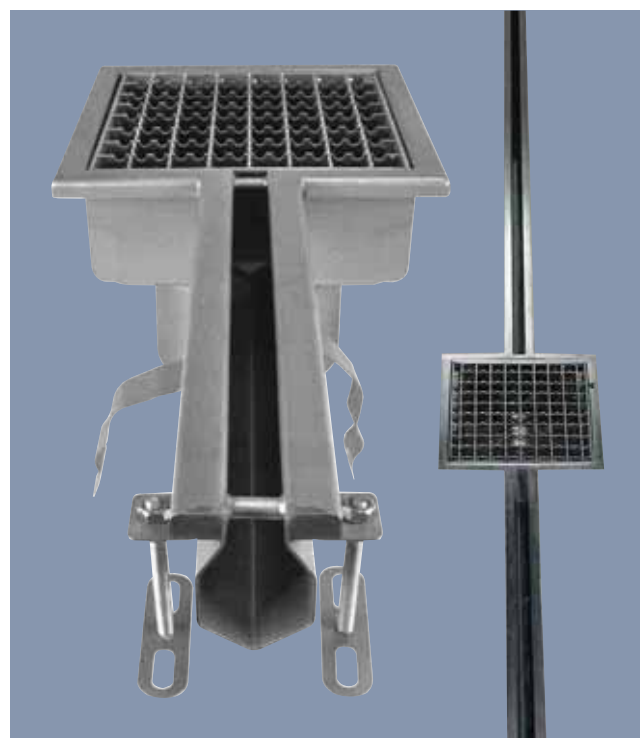
They are available with either a v-shaped or flat bottom base and gratings to suit loading class A15 to C250. See page 82.



Slot Floor Channels

The slot channel is an economic range of linear floor channel drainage where a high flow of waste water isn't required. Ideal for applications such as swimming pools, dairies and areas where there is condensation run-off from machinery.

The slot channel is available in four profiles to suit any project requirement, all with v-shaped bases. See page 83.



Stainless Steel Floor Channels - Product Range Summary

Standard Floor Channel Gratings

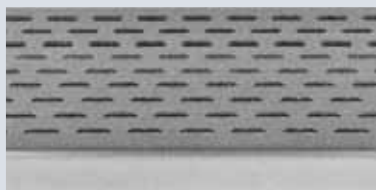
The standard channels and gratings are easily configurable and can be connected with the floor drain bodies and the slot channel system.

A range of gratings is available to suit load classes to BS EN 1433: 2002- Drainage Channels for Vehicular and Pedestrian Areas. See table below.

Grate Options and Use

The most typical grating cover for the standard channel is the anti-slip mesh grating with 23 x 23mm mesh size and the load bearing angle 25 x 2mm or 30 x 2mm. There are four other grating types available in all sizes to suite the channel specification.

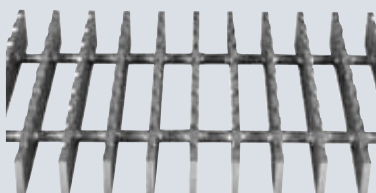
The grating type is chosen according to the channel location, load and function required. In areas where forklift truck traffic is intense the plate grate is recommended, whereas the anti-slip mesh is ideal if the required amount of drained water is high.



Perforated Sheet



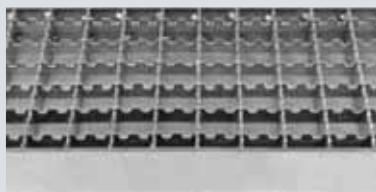
Load Class A15 (15 kN)
Pedestrian and cyclists areas.



Ladder Hygienic



Load Class A15 (15 kN)
Pedestrian and cyclists areas.



Anti-Slip Mesh



Load Class A15 (15 kN)
Pedestrian and cyclists areas.



Ladder



Load Class B125 (125 kN)
Footways, lateral drainage systems for car parks.



Plate



Load Class C250 (250 kN)
Light commercial vehicles.

