



Channels & Gratings

Easily ignored
maintenance aspects



ACO drainage channel & gratings are ideal for basements, outbuildings and building drainages (Kitchen channels), where protection against damp and storm water is a key priority.

The ACO polymer concrete and stainless steel channels has a range of different gratings suitable for all architectural requirements in terms of aesthetics, functionality and strength.

The channels offers many advantages compared to point drain solutions due to the high drainage capacity and easy installation and maintenance. Even though maintenance is quick and easy as trench is at the surface and easier to access, here is the list of some aspects that are easily ignored.

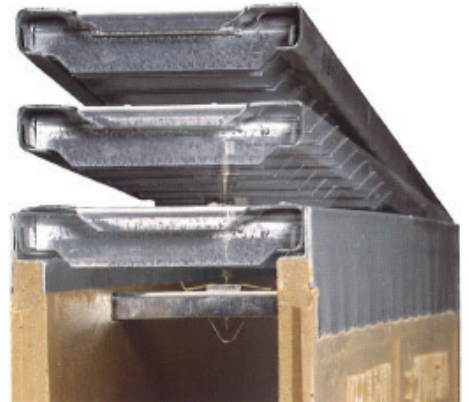
Using the proper grate lifting tool

Grating is an important component for load bearing as well as aesthetic appearance. Improper way of handling them will affect both load carrying characters of channel and external appearance.



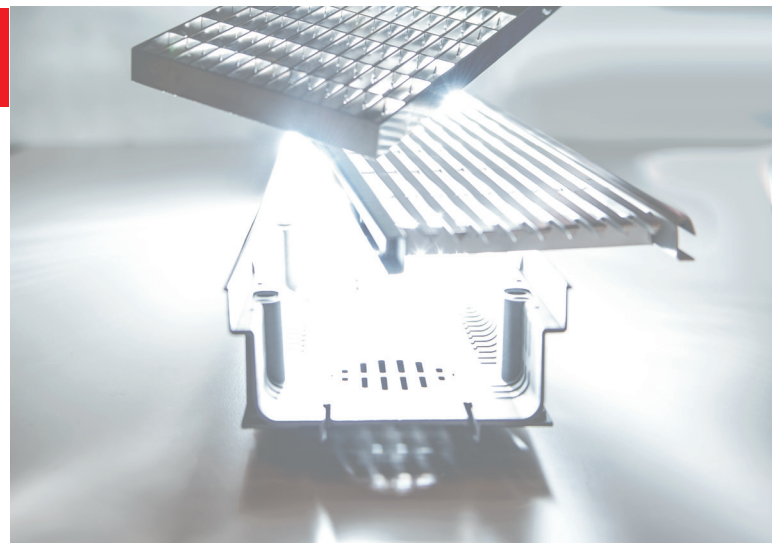
Matching the grate lock and groove

At every 500mm distance a groove in the channel and lock in the gratings is provided, these locks and grooves should be properly matched for perfect fitment of gratings.



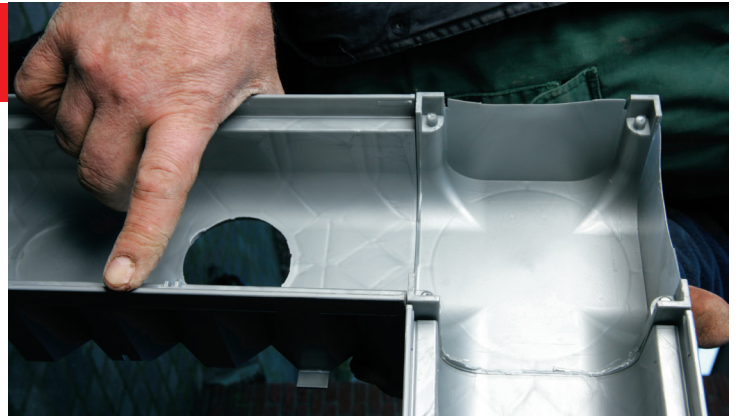
Placing of the grating

The most common mistake while reinstalling the gratings are placing them upside down, particularly in kitchen channels and stainless steel gratings. This should be taken utmost care to endure long life of the gratings.



Grit and waste free

Seating area of the grating should be free of grit and other wastes, otherwise the grit will not allow the grating to fit properly.



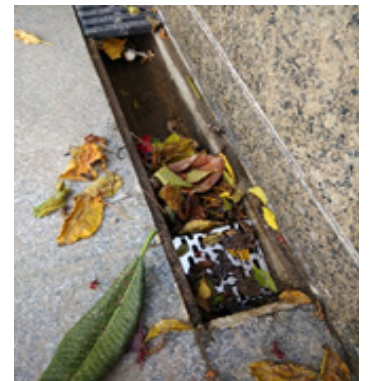
Removal of debris and silt deposit

Regular flushing of the channel with water or high pressure washer inside the channel for the removal of debris and silt deposit



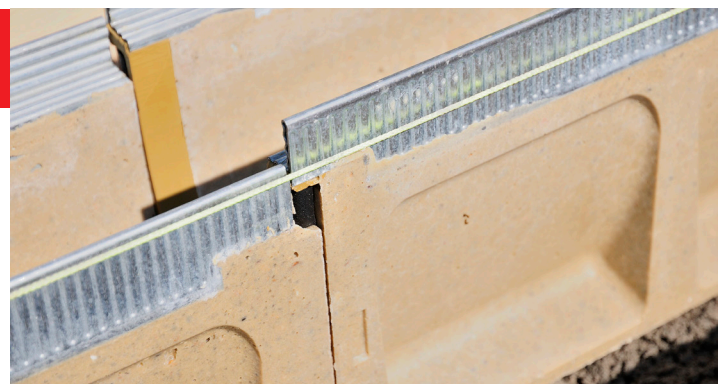
Cleaning and reinstallation

Cleaning and reinstallation of silt basket, leaf guard and foul air trap on a regular basis is important for free flow of the water



Renewing the joint seals

Channel is said to be 100% water tight only when the joints are properly sealed. Over a period of time the sealant applied may become weaker and loose leading to create gaps for seepage of water and thus causing dampness. Timely inspection of the joint's seals and renewing them is an important maintenance factor.



Frequency of regular inspections of trench drain will depend on local conditions and environment, but minimum of once in a year maintenance of trench drain system is highly recommended.

ACO. creating
the future of drainage

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