

INTRODUCING

Surface Drain Channels

The Supreme is an acknowledged leader of India's plastic industry. With a portfolio of over 7500 diverse products, the most comprehensive range in the industry, we cater to almost every conceivable need and application of the customer in piping. While helping the country transit from conventional to modern piping, we have several path breaking products to our credit making us a trend setter in the industry. In line with the tradition of pioneering many innovative products, The Supreme is pleased to introduce yet another value added product "Surface Drain Channel" for quick disposal of the surface water. This robustly designed surface drain channel with many good features makes it suitable for domestic, commercial as well as industrial use.



Unique features

- Made out of 100% virgin polymer
- Removable strong grating covers made of composite plastic
- Light weight yet robust to withstand 1.5 MT wheel load
- Strong, durable and long lasting
- 100% Watertight
- Smooth inner surface finish and hence better self cleansing and fluid carrying capacity
- Excellent corrosion and chemical resistance
- Outlets are possible both from horizontal as well as from bottom side
- Channel ends can be closed using sliding end caps
- End caps can be used from either side for male or female connections
- Integral side connection eliminates the requirements of any additional angled fittings for turning the alignment at 90° direction
- Can be easily cut midway at 500 mm length
- Anti skid design of cover
- Easy cleaning and maintenance

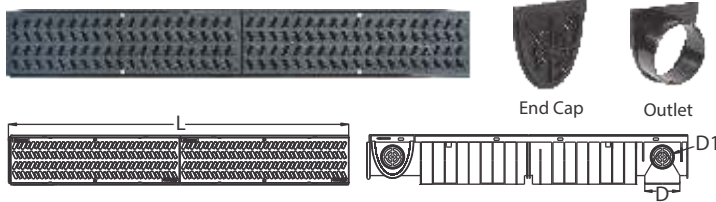
Introduction

Unlike conventional drain channels constructed from masonry, Supreme surface drain channels are free from blockages, leakages and breakages. These channels are much superior in terms of functional parameters and strength and can be installed very fast. Composite grating covers of these channels are made from composite plastic and are suitable for wheel load up to 1.5 MT. Due to its versatile features these ready to use surface drain channels are getting well acceptance in the market.

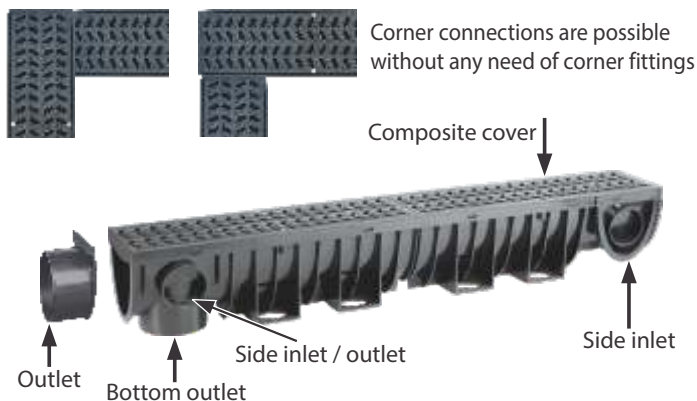
Product range

- Channels are available in 4" X 4" (110mm) size in 1000mm length and if required, it can be cut at the center i.e. at 500mm.
- Bottom outlet on the main body is of 110 mm size whereas side outlet is of Ø75mm size.
- Gratings are made available in 500mm lengths and are suitable for 1.5 MT wheel load.
- Accessories like male/female end caps with push fit locking and end cap with 110mm outlet are available.

Dimension details



L	H	W	D	D1
1006.5	156	160	110	75



Applications

- Pavements
- Roadside curbs
- Cycle ways
- Car park area's
- Shopping malls
- Sport grounds
- Swimming pools
- Building terraces
- Corporate houses
- Hotels and Hospitals
- Academic institutes

Installation procedure

1. Determine the alignment and prepare a neat trench and fix a line to mark finished height of the proposed channel run.
2. If the drain is in vehicular traffic area lay a bed of good quality concrete. Otherwise, use a compacted fill along the base of the trench.
3. Start installation at lowest point of the run to accommodate any cut lengths which should be installed at the farthest point from the outlet.
4. Connect the channels together by press fit connection and fit the end caps.
5. Cut out the required outlet located on the base at bottom or side face of the channel to allow connection to the drain pipe.
6. If required silicone sealant should be used to seal the joint to make it watertight.
7. Place the surface drain with grating cover on the prepared bed. Put a cotton tape to hold grating cover and drain together for entire run prior to backfilling.
8. Backfill or fill with concrete around the channel run and ensure that it is finished 2-3 mm above the grating cover. Remove tape, grating covers and debris from the channels and ensure that all outlets are clear. Replace grating covers.
9. In case of maintenance, grating covers can be simply removed by unscrewing for cleaning purpose.

