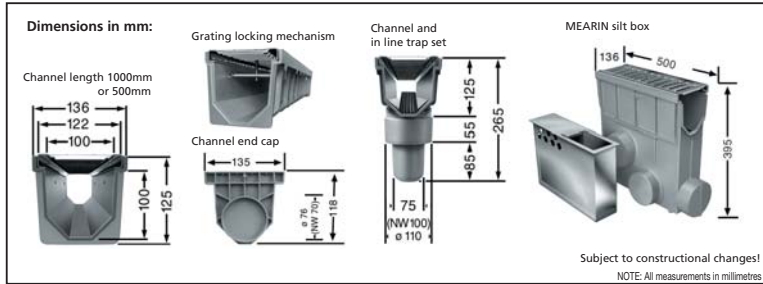




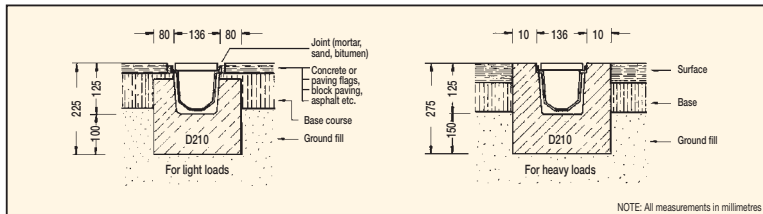
## MEARIN 100

Grating locking mechanisms:  
(1 piece every 50cm)



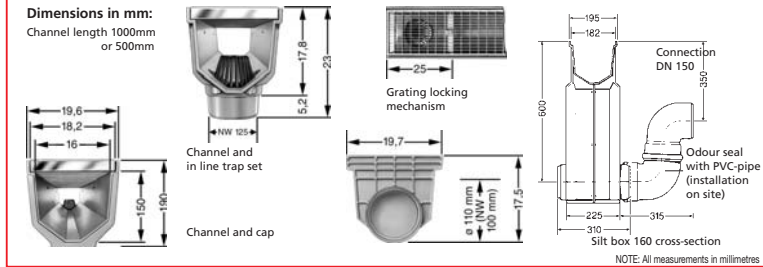
### Installation Examples for the Mearin 100

The finished ground level should be about 5mm higher than the top edge of the grating.



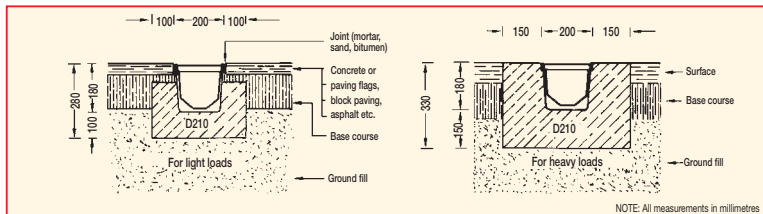
## MEARIN 160

Dimensions in mm:  
Channel length 1000mm or 500mm



### Installation Examples for the Mearin 160

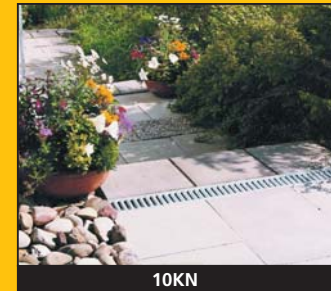
The finished ground level should be about 5mm higher than the top edge of the grating.



A complementary hydraulic design service is available – call to discuss your requirements

# MEARIN®

## G.R.P. Glass Reinforced Polyester Drainage Channel



# MEARIN®

Lightweight modular channel drainage systems for all applications up to heavy duty use.

The right solution for every requirement – Mearin 100 and high discharge capacity – Mearin 160

**MEARIN®** Lightweight modular channel drainage systems

**MEARIN 100**

- Channel width 100mm internal with a grate width of 122mm.

**MEARIN 160**

- Channel width 160mm internal with a grate width of 182mm.



MEARIN 100 with galv. steel slotted grating

**MEARIN Channel 100 and Channel 160**

- Superb strength, virtually unbreakable.
- Light weight – fast and easy to install.
- More economic – lower installation costs.
- Hydraulically efficient – smooth concave surface.
- Suitable for slow moving heavy vehicles.
- Variety of grating options.
- Self cleaning – very smooth base with favourable cross section.
- Variety of systems – **Mearin 100** and **Mearin 160**.
- Chemical resistant – against salts, oil, petrol and hot asphalt.
- Interstackable – easy to store and transport.
- Lockable – grates lock into channel.



Galvanized steel slotted grating for cars/light goods vehicles.



Galvanized mesh grating 30/10mm, for cars/light goods vehicles.



Cast iron gratings for goods vehicles and forklift trucks



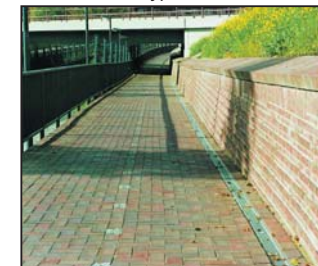
Cast iron grating, for goods vehicles and forklift trucks.







Heel guard stainless steel grating up to Class B. Also available for Channel 160.

**TYPICAL APPLICATIONS**

Mearin is suitable for all types of surface water situations.



 <b>10KN</b>	 <b>80KN</b>	 <b>150KN</b>	 <b>210KN</b>
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\* All grates must be locked down for vehicular traffic.



**1** Excavate a trench refer details drawings for width and depth.



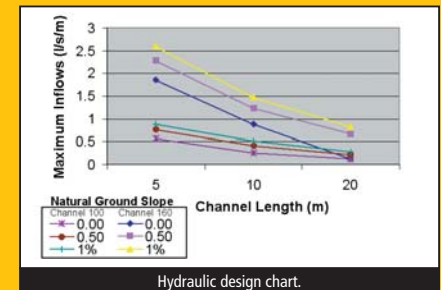
**2** Lay out channel beside trench.  
**3** Install siltbox or connect PVC outlet first.



**4** Using concrete mix (stif) lay a base in bottom of trench.  
**5** Place channel onto concrete bed, start at silt box and work back.



**6** Insert the grates over the joint to keep channel straight.  
**7** Back fill the channel with concrete to the level for the required surface finish.  
**8** Install the grates and optional locking mechanisms.



HYDRAULIC CAPACITY OF CHANNEL 100 & 160