

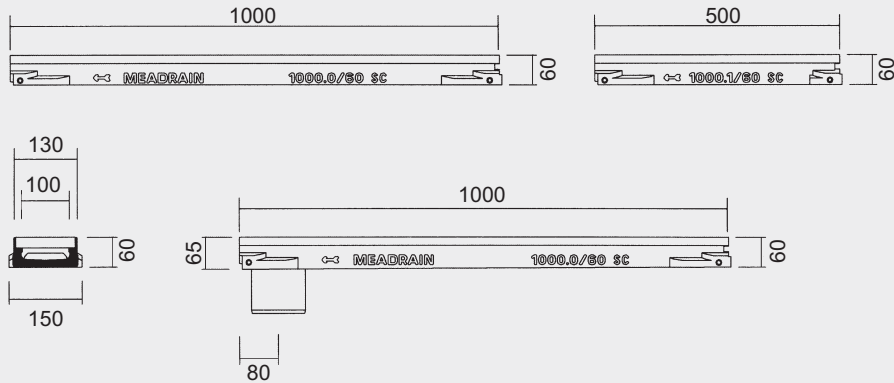
# MEADRAIN® Solution

## System LS 1000/60 SC

## System LS 1000/80 SC



### Technical Data



## System LS 1000/60 SC

### Material properties

#### Channel body

- ◆ Polymer concrete based on polyester resin
- ◆ Compression resistance:  $> 90 \text{ N/mm}^2$
- ◆ Flexural strength:  $> 22 \text{ N/mm}^2$
- ◆ Water absorption: less than 0,05%
- ◆ Density:  $2,25 \text{ kg/dm}^3$
- ◆ Modulus of elasticity:  $25 - 35 \text{ kN/mm}^2$
- ◆ Water penetration level: 0 mm
- ◆ Material structure: capillary free

#### Edge protection

- ◆ Stainless steel: AISI 304 (1.4301)

#### Grating

- ◆ Galvanised steel: DX 51 D 275 NA to EN 10142
- ◆ Ductile iron
- ◆ Stainless steel: AISI 304 (1.4301)

### Description and sizes

- ◆ Drainage channel made of polymer concrete with sealable channel groove
- ◆ Integrated stainless steel edge protection
- ◆ The /A-marked channel elements include a HD-PE outlet connector  $\varnothing 110$
- ◆ Interlocking joint system for an exact fitting of the channels
- ◆ Suitable for installation of MEADRAIN Top 1000 grating covers with CLIPFIX boltless locking system

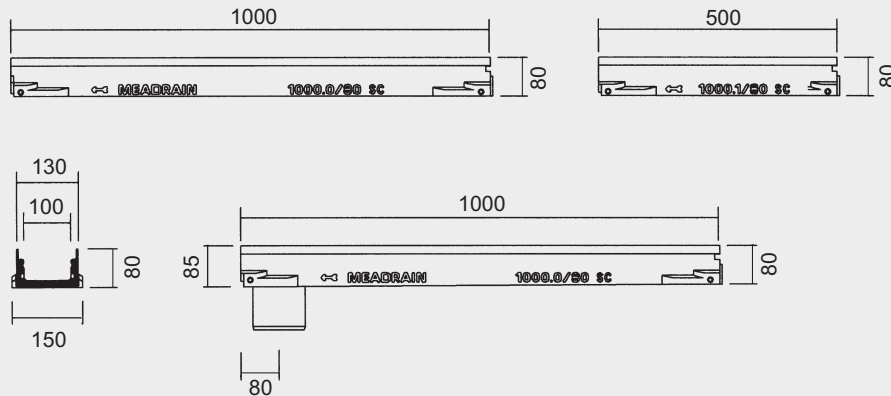
- ◆ Fall type: Without fall
- ◆ Loading classes: A 15 – C 250 to EN 1433
- ◆ Total height: 60 mm (see table)
- ◆ Total width: 130 mm (150 mm)
- ◆ Length: 500 mm and 1000 mm

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## System LS 1000/80 SC

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#### Channel body

- ◆ Polymer concrete based on polyester resin
- ◆ Compression resistance: > 90 N/mm<sup>2</sup>
- ◆ Flexural strength: > 22 N/mm<sup>2</sup>
- ◆ Water absorption: less than 0,05%
- ◆ Density: 2,25 kg/dm<sup>3</sup>
- ◆ Modulus of elasticity: 25 - 35 kN/mm<sup>2</sup>
- ◆ Water penetration level: 0 mm
- ◆ Material structure: capillary free

#### Edge protection

- ◆ Stainless steel: AISI 304 (1.4301)

#### Grating

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- ◆ Ductile iron
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### Description and sizes

- ◆ Drainage channel made of polymer concrete with sealable channel groove
- ◆ Integrated stainless steel edge protection
- ◆ The /A-marked channel elements include a HD-PE outlet connector Ø 110
- ◆ Interlocking joint system for an exact fitting of the channels
- ◆ Suitable for installation of MEADRAIN Top 1000 grating covers with CLIPFIX boltless locking system or standard locking mechanisms

- ◆ Fall type: Without fall
- ◆ Loading classes: A 15 – C 250 to EN 1433
- ◆ Total height: 80 mm (see table)
- ◆ Total width: 130 mm (150 mm)
- ◆ Length: 500 mm and 1000 mm

# Channel units overview

## Channel without fall

Product description	Length [mm]	Total height [mm]	Weight [kg]	Inlet sectional area** [cm <sup>2</sup> ]	EDP Number 010...
LS 1000.0/60 SC	1000	60	8,3	24,0	155549
LS 1000.0 A/60 SC	1000	65	8,5	24,0	155553
LS 1000.1/60 SC	500	60	4,2	24,0	155551

A) Channel with HD-PE outlet connector Ø 110

\*\* Cross sectional area from the grating surface to the invert of the channel

Product description	Length [mm]	Total height [mm]	Weight [kg]	Inlet sectional area** [cm <sup>2</sup> ]	EDP Number 010...
LS 1000.0/80 SC	1000	80	8,6	44,0	155555
LS 1000.0 A/80 SC	1000	85	8,8	44,0	155559
LS 1000.1/80 SC	500	80	4,4	44,0	155557

A) Channel with HD-PE outlet connector Ø 110

\*\* Cross sectional area from the grating surface to the invert of the channel

## End caps

Product description		Weight [kg]	EDP Number 010...
LS 1000.S SC	End cap for channel start	0,5	155583
LS 1000.F SC	End cap for channel end	0,5	155585
LS 1000.E SC <sup>1)</sup>	End cap for channel end with HD-PE outlet connector Ø 50	0,5	155587

<sup>1)</sup> Only for LS1000/80 SC

