

system-description: FILCOTEN® self NW100



Line-drainage-system consisting of:

- **Channel body** made of FILCOTEN® HPC (High Performance Concrete), standard length 1000 mm, with safety seam, with preformed bottom outlet optional: 500 mm
Load Class A15kN – B125kN; tested according to EN1433; CE-certified
no crossbars in the channel cross-section
tested and recommended by the IBR (Institut für Baubiologie Rosenheim)
- **Channel covers** A15kN – B125kN depending on the requirements out of galvanized steel, stainless steel or ductile iron (GGG): slotted grating SW5/80, ductile iron mesh grating MW15/25, slot top
- **Accessories:**
sump unit: out of FILCOTEN® HPC (High Performance Concrete)
optional: silt bucket (plastic), odour trap for sump unit or bottom outlet (plastic)
front and end plates out of galvanized steel; with or without outlet



specification text:

1. Prefabricated drainage channels, of FILCOTEN® HPC (High Performance Concrete) to load class B125kN, according to EN1433 - CE certified, IBR tested and not flammable (class A1) with preformed bottom outlet and integrated anchorage back taper
NW100 Dimensions:
Construction length: 1000 mm (500 mm) width: 122 mm height: 95 mm max. weight: 8,3 kg
2. gratings made of galvanized steel or ductile iron with fixing clips, load class A15kN – B125kN, according to EN1433 - CE certified
cl. A: slotted grating: length 1000/500 mm SW5/80 galvanized steel
cl. B: ductile iron mesh grating: length 500 mm MW 15/25 ductile iron

Slot top asymmetric made of galvanized steel or stainless steel, SW 12,5 mm, SH 80 mm, Load classes B125kN
cl. B: slot top: length 1000 mm height 103 mm
Maintenance unit to slot top: length 500 mm

Construction time barrier out of wood for SW12,5/18: length 1000 mm
3. sump unit out of FILCOTEN® HPC (High Performance Concrete)
Dimensions: length 500 mm, (WxH) 138x380 mm
outlet: DN 100 by pipe-coupling
optional: silt bucket and odour trap made of plastic
4. front / end plates with or without outlet DN100, galvanized steel
5. odour trap
for bottom outlet DN100 made of plastic
for sump unit DN100 made of plastic