



Line-drainage-system consisting of:

- **Channel Body** made of FILCOTEN[®] fiber composite material with concreted edge made of galvanized steel or stainless steel, standard length 1000mm, with safety seam
optional: with or without bottom outlet / 500mm
Load Class A15kN – C250kN; tested according to EN1433; CE-certified
4 times fiX-shutter per cover, no crossbars in the channel cross-section
tested and recommended by the IBR (Institut für Baubiologie Rosenheim)
- **Channel Covers** A15kN – C250kN depending on the requirements out of galvanised steel, stainless steel or cast iron (GGG) with fiX-shutter: mesh grating MW30/10, ductile iron bar grating MW29/13, slot tops SW12,5 or 18mm
- **Accessories:**
sump unit: out of FILCOTEN[®] fiber composite material with concreted edge matching the channel
optional: silt bucket (plastic), odour trap (plastic)
Front and end plates out of galvanized steel or stainless steel, with or without outlet
additional anti vandalism locking device



specification text:

1. Prefabricated drainage channels, of cement-bounded, mineral, fibre composite material FILCOTEN[®] with concreted galvanized steel or stainless steel, edge up to load class C250kN, according to EN1433 - CE certified, IBR tested and not flammable (class A1) with or without drain hole and integrated anchorage back taper.
construction length: 1000mm or 500mm.
NW150: width: 180mm height: 190 mm
max. weight: 22,2kg
2. gratings made of galvanized steel or cast iron with integrated protection against longitudinal movement and fiX-shutter, load class B125kN – C250kN, according to EN1433 - CE certified

cl. B: mesh grating:	length 1000/500mm	MW30/10	galvanized steel
cl. C: mesh grating:	length 1000/500mm	MW30/10	galvanized steel or 1.4301
cl. C: ductile iron bar grating:	length 500mm	MW29/13	ductile iron

Slot top asymmetric made of galvanized steel or stainless steel, SW 12,5mm and 18mm, SH110mm
Load classes: C250kN (Class D400kN on request)
cl. C: slotted top: length 1000/500mm height 143mm
Maintenance unit to slot top: length 500mm

Slot inlay square-perforation 8/8mm for SW 18mm: length 1000/500mm

Construction time barrier out of wood for SW12,5/18: length 1000mm
3. sump unit made of FILCOTEN[®] fibre composite material with concreted edge made of galvanized or stainless steel
Dimensions: length 500mm, (VxH) 199x650mm
outlet: DN 150 by pipe-coupling
optional: silt bucket and odour trap made of plastic
4. front / end plates with or without outlet DN150 galvanized steel or stainless steel
5. anti-vandalism locking device made of stainless steel; crosspiece for blocking the fiX-shutter