



**Line-drainage-system consisting of:**

- **Channel Body** made of FILCOTEN® fibre composite material, standard length 1000mm, with safety seam  
optional: with or without bottom outlet / 500mm / mini  
Load Class A15kN – C250kN; tested according to EN1433; CE-certified  
2 to 4 spring clips 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 1.4301 or cast iron (GGG): mesh grating MW30/10, ductile iron bar grating MW15/25, slot tops SW12,5 or 18mm
- **Accessories:**  
sump unit: out of FILCOTEN® fibre composite material  
optional: silt bucket (plastic), odour trap (plastic)  
Front and end plates out of galvanized steel or stainless steel 1.4301, with or without outlet



**specification text:**

1. Prefabricated drainage channels, of mineral cement-fibre composite material FILCOTEN® 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.  
Dimensions:  
Construction length: 1000mm (500mm)  
NW150: width: 180mm height: 150 mm  
max. weight: NW150: 19,7kg
2. gratings made of galvanized steel, stainless steel (1.4301) or cast iron with spring clips, load class A15kN – C250kN, according to EN1433 - CE certified
 

cl. A: slotted grating:	length 1000/500mm,	SW8/130	galvanized steel
cl. B: mesh grating:	length 1000/500mm,	MW 30/10	galvanized steel
cl. C: ductile iron grating:	length 500mm,	MW 15/28	ductile iron or KTL-coated

Slotted top asymmetric made of galvanized steel or stainless steel, SW 12,5 and 18mm, SH 110mm  
Load class: C250kN (Class D400kN on request)

cl. C: slotted top:	length 1000mm	height 133mm
Maintenance unit to slot top:	length 500mm	

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

Construction time barrier out of wood for SW12,5/18: length 1000mm
3. sump unit of fibre composite material FILCOTEN®  
Dimensions: length 500mm, (WxH) 195x650mm  
outlet: DN 150 by pipe-coupling  
optional: silt bucket and odour trap made of plastic
4. front / end plates with or without outlet DN100 galvanized steel or stainless steel (1.4301)
5. Locking clip for mesh grating, galvanized / ductile iron bar grating – black coated