



Line-drainage-system consisting of:

- **Channel Body** made of FILCOTEN® fibre composite material with concreted edge made of galvanized steel or cast iron, standard length 1000mm, with safety seam
optional: channels with internal slope 0.5% / with or without bottom outlet / 500mm / mini
Load Class A15kN - E600kN; tested according to EN1433; CE-certified
4 times fiX-shutter per cover, no crossbars in the channel cross-section
all gratings can be bolted
tested and recommended by the IBR (Institut für Baubiologie Rosenheim)
- **Channel Covers** A15kN - E600kN depending on the requirements out of galvanized steel or cast iron (GGG) with fiX-shutter or screw connection: mesh grating MW30 / 10, ductile iron bar grating MW29 / 13
- **Accessories:**
sump unit: out of FILCOTEN® fibre composite material with concreted edge matching the channel
optional: silt bucket (galvanized steel), odour trap (plastic)
Front and end plates out of galvanized steel; with or without outlet



specification text:

1. prefabricated drainage channels, of cement-bonded, mineral, fiber composite material FILCOTEN® with concreted galvanized steel edge, stainless steel edge or cast iron edge to load class E600kN, 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 (500mm - on channels without slope)
NW300 mini: width: 360mm height: 120mm
NW300: width: 360mm height: 360 – 460 mm
max. weight: mini: 37,9 – 64,9kg 0 – 20-0: 77,3 – 110,7kg
2. gratings made of galvanized steel or cast iron with integrated protection against longitudinal movement and fiX-shutter, load class A15kN - E600kN, according to EN1433 - CE certified
cl. C: mesh grating to screw: length 1000/500mm MW30/10 galvanized steel and I.4301
cl. C+E: ductile iron bar grating: length 500mm MW29/13 ductile iron
cl. D: ductile iron slotted grating: length 500mm SW 16/300 ductile iron
3. sump unit of fibre composite material FILCOTEN® with concreted edge made of galvanized steel or cast iron
Dimensions: length 560mm, (WxH) 520x950mm
outlet: DN 200 by pipe-coupling
optional: silt bucket made galvanized steel
4. front / end plates with or without outlet DN200 galvanized steel
5. bolting material for ductile iron bar grating cl. D+E made of galvanized steel or stainless steel I.4301
bolting material for mesh grating cl. C made of galvanized steel