

Linear drainage system consisting of:

- channel body made of FILCOTEN®-fiber composite material with cast iron edges, standard length 1000mm, with safety seam
- Optional: without or with drain hole / length: 500 mm
- Load Class A15kN - E600kN; tested according to EN1433; CE-certified
- 4 times bolting per cover, no crossbars in the channel cross-section
- Tested and recommended by the IBR (Institute IBR)



- Channel covers Kl C250kN - E600kN depending on the requirements out of galvanized steel or ductile iron (GG) with bolting material: mesh grating MW30/10, ductile iron bar grating MW29/13
- Substrate technology consisting of:
 - Coarse dirt-tray / sedimentation-step of stainless steel (optional)
 - ENREGIS channel substrate Cleanalith A
 - ENREGIS channel substrate Cleanalith B
 - Stainless steel spacer, including pre-fitted filter fabric incl. edge protection.

Cleanalith A + B tested and approved by the UNI Innsbruck

- Accessories:
 - Front and end plates made of stainless steel without or with outlet DN150
 - Bolting material for mesh grating or ductile iron grating, galvanized steel

Specification text:

1. prefabricated drainage channels, NW 300mm of cement-fiber composite material with cast iron edge, up to load class E600kN, manufactured and tested to EN1433 - CE certified, without or with outlet drilling, fiber content in the concrete: at least 0.4% by volume, with integrated bloat-protection
overall length: 1000mm (500mm)
NW300 20-0: width: 360mm height: 460mm wall-thickness: 30mm
weight: 110,7kg
2. gratings made of galvanized steel or ductile iron with integrated protection against longitudinal sliding and 4-times bolting, load class C250kN - E600kN, manufactured and tested according to EN1433 - CE certified
Kl. C: mesh grating: length 1000 / 500mm, MW30/10 - galvanized steel
Kl. D + E: ductile iron bar grating: length 500mm, MW29/13 - ductile iron
3. ENREGIS filter unit for FILCOTEN green (1m) consisting of:
 - 1 pcs. 19530910 stainless steel spacer with preassembled filter fabric including edge protection
 - 3 pack 19530900 ENREGIS channel substrate Cleanalith A
 - 1 pack 19530901 ENREGIS channel substrate Cleanalith B
 - 1 pcs. coarse dirt-tray / sedimentation-step of stainless steel

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4. front / end plates without or with outlet DN150 made of stainless steel
5. Bolting material for mesh grating cl. C made of galvanized steel
Bolting material for ductile iron bar grating cl. E made of galvanized steel