

1. **Drainage-channel BG-FILCOTEN pro NW 100** made of FILCOTEN HPC (high-performance concrete) with integrated edge made of galvanised steel, stainless steel 1.4301 or cast iron, load-class A15 – E600 kN, according to EN1433 – CE-certified, channel joint with safety seam, sealable, length 1000 mm, without or with 0,5 % slope
Building biology tested and recommended by IBR (Institut für Baubiologie Rosenheim, DE)
Fire-behaviour class: A1 according to EN13501 - non-combustible
100% recyclable with U-A marking
Delivery and installation according to the manufacturer's installation instructions.



| NW/No.: | LxWxH: [mm] | weight: [kg] | eco-indicator: [kg] |
|-------------------------------|------------------|--------------|----------------------------------|
| Galvanised steel edge: | | | |
| 100 No. 0: | 1000x138x142 | 18,3 | CO ₂ -Eq. 8,9 |
| 100 No. 20-0: | 1000x138x245 | 31,0 | CO ₂ -Eq. 12,4 |
| 100 No. 1-10: | 1000x138x145-195 | 18,6-24,6 | CO ₂ -Eq. 9,0 – 11,9 |
| Cast iron edge: | | | |
| 100 No. 0: | 1000x138x142 | 19,1 | CO ₂ -Eq. 11,5 |
| 100 No. 20-0: | 1000x138x245 | 32,0 | CO ₂ -Eq. 15,1 |
| 100 No. 1-10: | 1000x138x145-195 | 19,5-25,4 | CO ₂ -Eq. 11,7 – 15,3 |
| Stainless steel edge: | | | |
| 100 No. 0: | 1000x138x142 | 18,3 | CO ₂ -Eq. 6,8 |
| 100 No. 20-0: | 1000x138x245 | 31,0 | CO ₂ -Eq. 10,4 |
| 100 No. 1-10: | 1000x138x145-195 | 18,6-24,6 | CO ₂ -Eq. 6,9 – 9,1 |

2. **Drainage-channel** as described in position 1, but overall length 500 mm, without slope

| NW/No.: | LxWxH: [mm] | weight: [kg] | eco-indicator: [kg] |
|-------------------------------|-------------|--------------|---|
| Galvanized steel edge: | | | |
| 100 No. 0: | 500x138x142 | 9,6 | CO ₂ -Eq. ca. 4,8 |
| 100 No. 5-0: | 500x138x170 | 13,2 | CO ₂ -Eq. ca. 6,5 (plain sidewall) |
| 100 No. 10-0: | 500x138x195 | 12,5 | CO ₂ -Eq. ca. 6,1 |
| Cast iron edge: | | | |
| 100 No. 0: | 500x138x142 | 9,7 | CO ₂ -Eq. ca. 5,9 |
| 100 No. 5-0: | 500x138x170 | 13,5 | CO ₂ -Eq. ca. 8,2 (plain sidewall) |
| 100 No. 10-0: | 500x138x195 | 13,1 | CO ₂ -Eq. ca. 7,9 |
| Stainless steel edge: | | | |
| 100 No. 0: | 500x138x142 | 9,6 | CO ₂ -Eq. ca. 3,6 |
| 100 No. 5-0: | 500x138x170 | 13,2 | CO ₂ -Eq. ca. 5,0 (plain sidewall) |
| 100 No. 10-0: | 500x138x195 | 12,5 | CO ₂ -Eq. ca. 4,7 |

3. **Surcharge for bottom outlet DN 100,** for drainage channels without slope

4. **Covers/Grates** made of galvanised steel, stainless steel 1.4301, ductile iron or plastic with integrated longitudinal movement protection and fiX-lock or 4-fold screw connection, load class A 15kN – E 600kN, according to EN1433 - CE-certified
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BG-FILCOTEN tec/pro **mesh grating** NW 100, galvanised steel or stainless steel
cl. C250, MW 30/10, length 1000 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro mesh grating NW 100, galvanised steel or stainless steel
cl. C250, MW 30/10, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **mesh grating** NW 100, galvanised steel or stainless steel
cl. D400, MW 25/10, length 1000 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro mesh grating NW 100, galvanised steel or stainless steel
cl. D400, MW 25/10, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro **slotted grating** NW 100, galvanised steel or stainless steel
cl. C250, SW 8/80, length 1000 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro slotted grating NW 100, galvanised steel or stainless steel
cl. C250, SW 8/80, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro **perforated grating** NW 100, galvanised steel or stainless steel
cl. C250, DM 6, length 1000 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro perforated grating NW 100, galvanised steel or stainless steel
cl. C250, DM 6, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro **COMBee-designgrate** NW 100, plastic PA6
cl. B125, DM 7,3; length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro COMBee-designgrate NW 100, plastic PA6
cl. C250, DM 7,3; length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro **ductile-iron bar grating** NW 100, ductile-iron EN-GJS
cl. C250, MW 29/13, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN tec/pro **ductile-iron bar grating** NW 100, ductile-iron EN-GJS
cl. C250, MW 29/6, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **ductile-iron bar grating** NW 100, ductile-iron EN-GJS
cl. D400, MW 29/13, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **ductile-iron bar grating** NW 100, ductile-iron EN-GJS
cl. D400, MW 28/9, length 500 mm,
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **ductile-iron slotted grating** NW 100, ductile-iron EN-GJS
cl. E600, SW 14/100, length 500 mm
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **ductile-iron design-grate „VIA“** NW 100, ductile-iron EN-GJS
cl. D400, SW 7, length 500 mm
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **ductile-iron design-grate „KIARO“** NW 100, ductile-iron EN-GJS
cl. D400, SW 7, length 500 mm
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

BG-FILCOTEN pro **ductile-iron design-grate „VILLE“** NW 100, ductile-iron EN-GJS
cl. E600, SW 7, length 500 mm
with integrated longitudinal movement protection and fiX-lock, according to EN1433 - CE-certified

Anti-vandalism locking device made of stainless steel
cross piece for blocking the fiX-lock

BG-FILCOTEN pro **ductile-iron bar grating** NW 100, ductile-iron EN-GJS
cl. E600, MW 22/13, length 500 mm
with integrated longitudinal movement protection, 4-fold screw-connection (only in cast-iron edge), according to EN1433 - CE-certified, bolting material must be ordered separately, bolting material is exchangeable.

KIT-bolting material for ductile iron grating
steel, black galvanised - consisting of 1 pc. screw and 1 pc. nut (requirement: 8 pcs./m)

KIT-bolting material for ductile iron grating
stainless steel A2 - consisting of 1 pc. screw and 1 pc. nut (requirement: 8 pcs./m)

5. **sump unit** kit BG-FILCOTEN pro NW 100 made of FILCOTEN HPC (high-performance concrete) with integrated edge made of galvanised steel, stainless steel 1.4301 or cast iron, incl. silt bucket
outlet: pipe coupling DN 100
length 500 mm / width 145 mm / height 600 mm
Delivery and installation according to the manufacturer's installation instructions.
Galvanised steel edge: 32.6 kg
Cast iron edge: 33.1 kg
Stainless steel edge: 32.6 kg

Odour trap for retrofitting for sump unit, plastic
weight: 0,2 kg

6. **front-/end cap**, outlet DN100, made of plastic, PP
weight: 0,1 kg
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7. **installation chair**, Kit incl. screws for positioning the channel, galvanised steel
weight: 1,5 kg
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8. **odour trap** for bottom outlet DN 100, plastic
weight: 0,2 kg
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