

1. **Drainage-channel BG-FILCOTEN pro NW 150** made of FILCOTEN HPC (high-performance concrete) with integrated edge out 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:			
150 No. 0:	1000x188x210	31,0	CO ₂ -Eq. 12,4
150 No. 20-0:	1000x188x310	47,7	CO ₂ -Eq. 17,0
150 No. 1-10:	1000x188x210-260	31,5-37,5	CO ₂ -Eq. 12,6-15,0
Cast iron edge:			
150 No. 0:	1000x188x210	31,8	CO ₂ -Eq. 15,0
150 No. 20-0:	1000x188x310	48,7	CO ₂ -Eq. 19,7
150 No. 1-10:	1000x188x210-260	32,5-38,5	CO ₂ -Eq. 15,3-18,2
Stainless steel edge:			
150 No. 0:	1000x188x210	31,0	CO ₂ -Eq. 10,4
150 No. 20-0:	1000x188x310	47,7	CO ₂ -Eq. 15,0
150 No. 1-10:	1000x188x210-260	31,5-37,5	CO ₂ -Eq. 10,6-12,6

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

NW/No.:	LxBxH: [mm]	Gewicht: [kg]	Umweltkennzahl: [kg]
Galvanised steel edge:			
150 No. 0:	500x188x210	15,2	CO ₂ -Eq. ca. 6,1
150 No. 5-0:	500x188x235	20,7	CO ₂ -Eq. ca. 8,3 (plain sidewall)
150 No. 10-0:	500x188x260	19,3	CO ₂ -Eq. ca. 7,8
Cast iron edge:			
150 No. 0:	500x188x210	15,7	CO ₂ -Eq. ca. 7,5
150 No. 5-0:	500x188x235	21,2	CO ₂ -Eq. ca. 10,1 (plain sidewall)
150 No. 10-0:	500x188x260	19,8	CO ₂ -Eq. ca. 9,4
Stainless steel edge:			
150 No. 0:	500x188x210	15,2	CO ₂ -Eq. ca. 5,2
150 No. 5-0:	500x188x235	20,7	CO ₂ -Eq. ca. 7,0 (plain sidewall)
150 No. 10-0:	500x188x260	19,3	CO ₂ -Eq. ca. 6,5

3. **Surcharge for bottom outlet DN 150**, for drainage channels without slope

4. **Covers/Grates** made of galvanised steel, stainless steel 1.4301 or cast iron 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 150, 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 150, 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 150, 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 150, 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 **perforated grating** NW 150, 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 150, 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 **ductile-iron bar grating** NW 150, 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 pro **ductile-iron bar grating** NW 150, 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 150, 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 150, ductile-iron EN-GJS
cl. E600, SW 14/150, 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 150, 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 150, 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 150, 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 slotted grating** NW 150, ductile-iron EN-GJS
cl. D400, SW 14/150, 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.

BG-FILCOTEN pro **ductile-iron bar grating** NW 150, 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 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 150
length 500 mm / width 200 mm / height 690 mm
Delivery and installation according to the manufacturer's installation instructions.
Galvanised steel frame: 44,8 kg
Cast iron frame: 45,3 kg
Stainless steel frame: 44,8 kg

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

6. **front cap** closed, out of galvanised steel or stainless steel 1.4301
weight: 0,5 kg
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7. **end cap**, with outlet DN150 out of galvanised steel or stainless steel 1.4301
weight: 0,6 kg
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8. **Installation chair**, Kit incl. screws for positioning the channel, galvanised steel
weight: 1,7 kg
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