Tender-text:

BG-FILCOTEN pro NW 100



I. 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,

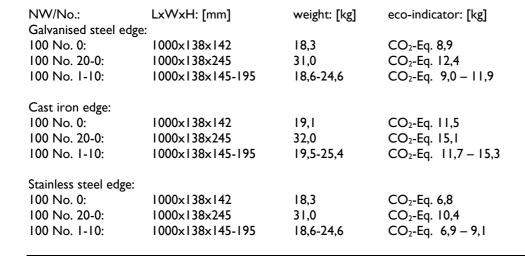
length 1000 mm, without or with 0,5 % slope

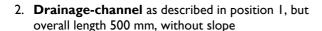
Building biology tested and recommended by IBR (Institut für Baubiologie Rosenheim, DE)

Fire-behaviour class: Al 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]
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:	500×138×195	12,5	CO ₂ -Eq. ca. 6, I
Cast iron edge:			
· ·	F00-130-142	0.7	60 5 50
100 No. 0:	500x138x142	9,7	CO ₂ -Eq. ca. 5,9
100 No. 5-0:	500×138×170	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:	500×138×170	13,2	CO_2 -Eq. ca. 5,0 (plain sidewall)
		· ·	
100 No. 10-0:	500×138×195	12,5	CO ₂ -Eq. ca. 4,7

3. Surcharge for bottom outlet DN 100,

for drainage channels without slope



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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

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

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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-GIS

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 I pc. screw and I pc. nut (requirement: 8 pcs./m)

KIT-bolting material for ductile iron grating

stainless steel A2 - consisting of I pc. screw and I pc. nut (requirement: 8 pcs./m)

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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
- 7. **installation chair**, Kit incl. screws for positioning the channel, galvanised steel weight: 1,5 kg
- 8. **odour trap** for bottom outlet DN 100, plastic weight: 0,2 kg