Tender-text:

BG-FILCOTEN one NW 200



Version: 07/2021

I. **Monolithic** drainage channel BG-FILCOTEN one NW 200 made of FILCOTEN HPC (High Performance Concrete) Load class F900 kN - Type M resp. D400 – Type I, tested according to EN1433; CE-certified

Channel element with integrated anchorage pockets, channel joint sealable

Double inlet-slots radially counter-rotating, 23/70 mm, according to EN 1433

Inlet cross section min. 510 cm²/m

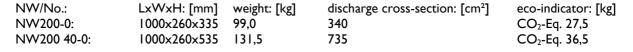
Channel cross section in W-shape, optimized for partial / complete filling

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.



2. **Revision-element** No. 0 / 40-0, channel-element as described in position 1, but

with integrated edge out of cast iron and 4-fold screw connected ductile iron grate in cl. F900,

for cleaning and maintaining of the channel run

 NW/No.:
 LxWxH: [mm]
 weight: [kg]
 discharge cross-section: [cm²]
 eco-indicator: [kg]

 NW200-0:
 1000x260x335
 101,0
 340
 CO₂-Eq. 48,1

 NW200 40-0:
 1000x260x535
 133,0
 735
 CO₂-Eq. 57,0

3. **Corner-element variable** No. 0 / 40-0, channel-element as described in position 1, but with partly closed surface, mitre-cut and bonded together,

angles from 90-180° are possible in the line.

4. Outlet unit No. 0 / 40-0, revision-element as described in position 2, but

with outlet-drilling DN 200

NW/No.: LxWxH: [mm] weight: [kg] discharge cross-section: [cm²] eco-indicator: [kg]

NW200-0: 1000×260×335 99,0 340 CO₂-Eq. - NW200 40-0: 1000×260×535 131,0 735 CO₂-Eq. -

5. Sump-unit upper part No. 0 / 40-0, revision-element as described in position 2, but

with outlet opening, on top of the outlet-unit lower-part and/or sump unit middle part

NW/No.: LxWxH: [mm] weight: [kg] discharge cross-section: [cm²] eco-indicator: [kg] NW200-0: 1000x260x335 96,0 340 CO₂-Eq. 46,7 NW200 40-0: 1000x260x535 128,0 735 CO₂-Eq. 55,6

6. Sump-unit middle-part, made of FILCOTEN HPC

Measurements: LxWxH: 500x290x300 mm weight: 29,0 kg

7. Sump-unit lower-part with pipe-coupling DN200, made of FILCOTEN HPC

Measurements: LxWxH: 500x309x480 mm weight: 35,5 kg outlet: pipe-coupling DN 200

8. Sump-unit lower-part with pipe-coupling DN300, made of FILCOTEN HPC

Measurements: LxWxH: 500x332x480 mm weight: 39,0 kg outlet: pipe-coupling DN 300

9. Silt bucket made of plastic, weight 0,7 kg

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10. Front-plate No. 0 / 40-0, made of FILCOTEN HPC

NW200-0: LxWxH: 69x265x335 mm weight: 13,0 kg NW200 40-0: LxWxH: 69x265x535 mm weight: 21,0 kg

11. End-plate with outlet DN150, No. 0 / 40-0, made of FILCOTEN HPC

NW200-0: LxWxH: 69x265x335 mm weight: 8,5 kg NW200 40-0: LxWxH: 69x265x535 mm weight: 16,5 kg

12. **Connector-plate** for stepped-fall No. 0 to 40-0, made of FILCOTEN HPC

NW200 0/40-0: LxWxH: 73x260x535 mm weight: 12,5 kg

13. Lifting hook kit, consisting of 2 pcs., made of steel, painted black, weight: 2,1kg

14. Sealing profile, pluggable or commercial sealing material on PU-basis