

Environmental data sheet:



GRASPOINTNER
Sustainable innovation.

BG-FILCOTEN® pro – G / V / E

**Drainage channels made of FILCOTEN® HPC (High Performance Concrete)
incl. ductile iron edge (G) / galvanized edge (V) / stainless steel edge (E)**

- Verified LCA (life cycle analysis) according to ISO 14040 respectively EN15804
- Certified energy- and environmental management system ISO 50001 and ISO 14001 at the place of production in Oberwang/Upper Austria
- Quality class U-A according to the guidelines for recycling of building materials (Building Materials Recycling Association AT)
- IBR certified – biologically tested for VOC, biocides, radioactivity

	NW 100 no. 0	NW 100 no. 20-0	NW 150 no. 0	NW 150 no. 20-0	NW 200 no. 0	NW 200 no. 20-0	NW 300 no. 0	NW 300 no. 20-0	NW 400 no. 0	NW 400 no. 30-0
Dimensions [mm] L/W/H	1000/138/ 142	1000/138/ 245	1000/188/ 210	1000/188/ 310	1000/238/ 265	1000/238/ 365	1000/360/ 360	1000/360/ 120	1000/490/ 490	1000/490/ 640
Capacity [l/m]	8.3	16.5	20.4	31.8	35.7	50.8	72.8	95.9	140	200
Discharge cross-section [cm ²]	83	165	204	318	357	508	728	959	1400	2000

Weight [kg] pro G	19.1	32.0	31.8	48.7	45.0	65.6	81.0	110.7	146	179
Global Warming Potential [kgCO ₂ -eq] G: ductile iron edge	11.5	15.1	15.0	19.7	18.7	24.4	31.8	40.0	52.8	62.0

Weight [kg] pro V-E	18.3	31.0	30.8	47.7	44.0	64.6	75.6	109.0	---	---
Global Warming Potential [kgCO ₂ -eq] V: galvanized steel edge	8.9	12.4	12.3	17.0	16.0	21.7	26.2	35.5	---	---
Global Warming Potential [kgCO ₂ -eq] E: stainless steel edge	6.8	10.4	10.3	15.0	14.0	19.7	---	---	---	---

Environmental indicators:

Value basis LCA environmental indicators according to ISO 14040 and ISO 14044 modules A1-A4 (A4: 200 km truck transport standardly assumed) in accordance with EN 15804, BG-Graspointner 2017, provided by ECODESIGN company - www.ecodesign-company.com and verified by ESU-services GmbH, Schaffhausen, Switzerland - www.esu-services.ch

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