


Environmental data sheet:



BG-FILCOTEN® pro – G / V / E - mini

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 BH 60	NW 100 BH 80	NW 150 BH 100	NW 150 BH 120	NW 200 BH 100	NW 200 BH 120	NW 300 BH 120
Dimensions [mm] L/W/H	1000/138/60	1000/138/80	1000/188/100	1000/188/120	1000/238/100	1000/238/120	1000/360/120
Capacity [l/m]	2.3	4.0	8.3	11.3	11.0	14.9	19.5
Discharge cross-section [cm ²]	23	40	83	113	110	149	195

Weight [kg] pro G mini	---	12.2	19.8	21.7	22.8	24.4	37.9
Global Warming Potential [kgCO ₂ -eq] G: ductile iron edge 	---	9.6	11.7	12.2	12.5	13.0	19.8

Weight [kg] pro V-E mini	9.1	11.2	18.9	20.2	21.3	23.2	36.2
Global Warming Potential [kgCO ₂ -eq] V: galvanized steel edge 	6.3	6.9	9.0	9.4	9.7	10.2	15.3
Global Warming Potential [kgCO ₂ -eq] E: stainless steel edge 	4.3	4.9	7.0	7.4	7.7	8.2	---

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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