




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 UA according to the guidelines for recycling of building materials (Building Materials Recycling Association AT)
- IBR certified – biologically tested for – VOC, biocides, radioactivity

Technical data: BG-FILCOTEN® pro mini	100 BH 60	100 BH 80	150 BH 100	150 BH 120	200 BH 100	200 BH 120	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	---	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	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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