



Environmental data sheet:

BG-FILCOTEN® tec and tec mini – V / E

Drainage channels made of FILCOTEN® HPC (High Performance Concrete)
incl. 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® tec and mini	100 H 80	100 H 100	100 - 0	100 10-0	150 - 0	150 10-0	200 H 195	200 - 0
Dimensions [mm] L/W/H	1000/130/ 80	1000/130/ 100	1000/130/ 135	1000/130/ 185	1000/180/ 190	1000/180/ 240	1000/230/ 195	1000/230/ 245
Capacity [l/m]	4.0	6.0	8.9	13.9	19.8	27.2	25.1	35.0
Discharge cross-section [cm ²]	40	60	89	139	198	272	251	350

Weight [kg] tec V-E	9.1	10.5	13.4	18.7	22.2	28.2	30.2	34
Global Warming Potential [kgCO ₂ -eq] V: galvanized steel edge 	4.6	5.0	5.8	7.2	8.2	9.9	10.4	11.5
Global Warming Potential [kgCO ₂ -eq] E: stainless steel edge 	3.5	3.9	4.7	6.1	7.1	8.8	9.3	10.4

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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