





# 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 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 H 80	NW 100 H 100	NW 100 no. 0	NW 100 no. 10-0	NW 150 no. 0	NW 150 no. 10-0	NW 200 H 195	NW 200 no. 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 <sup>2</sup> ]	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 <sub>2</sub> -eq] <b>V: galvanized steel edge</b> 	<b>4.6</b>	<b>5.0</b>	<b>5.8</b>	<b>7.2</b>	<b>8.2</b>	<b>9.9</b>	<b>10.4</b>	<b>11.5</b>
Global Warming Potential [kgCO <sub>2</sub> -eq] <b>E: stainless steel edge</b> 	<b>3.5</b>	<b>3.9</b>	<b>4.7</b>	<b>6.1</b>	<b>7.1</b>	<b>8.8</b>	<b>9.3</b>	<b>10.4</b>

### 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](http://www.ecodesign-company.com) and verified by ESU-services GmbH, Schaffhausen, Switzerland - [www.esu-services.ch](http://www.esu-services.ch)

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