


# Environmental data sheet:

## BG-FILCOTEN® light and light mini

### Drainage channels made of FILCOTEN® HPC (High Performance Concrete)

- 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: <b>BG-FILCOTEN® light and mini</b>	<b>100 – H55</b>	<b>100 - 0</b>	<b>100 10-0</b>	<b>150 – H100</b>	<b>150 - 0</b>	<b>150 10-0</b>
Dimensions [mm] L/W/H	1000/126/55	1000/126/115	1000/126/165	1000/180/100	1000/180/150	1000/180/200
Capacity [l/m]	3.5	8.3	13.2	8.0	16.8	24.2
Discharge cross-section [cm <sup>2</sup> ]	35	83	132	80	168	242
Weight [kg] one	7.7	10.7	16.0	16.8	20.6	26.2
Global Warming Potential [kgCO <sub>2</sub> -eq] 	<b>2.1</b>	<b>3.0</b>	<b>4.4</b>	<b>4.7</b>	<b>5.7</b>	<b>7.3</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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