

# Environmental data sheet:




**GRASPOINTNER**  
Sustainable innovation.

## BG-FILCOTEN® parkline

### 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 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 150 H 35	NW 150 H 35 DN 100	NW 150 H 50	NW 150 H 50 DN 100	NW 300 H 50	NW 300 H 50 DN 100
Dimensions [mm] L/W/H	1000/150/35	1000/150/35	1000/150/50	1000/150/50	1000/305/50	1000/305/50
Capacity [l/m]	1.1	1.1	2.0	2.0	4.5	4.5
Discharge cross-section [cm <sup>2</sup> ]	11	11	20	20	45	45
Weight [kg] parkline	9.2	8.9	11.9	11.6	25.3	25.0
Global Warming Potential [kgCO <sub>2</sub> -eq] 	<b>2.6</b>	<b>2.5</b>	<b>3.3</b>	<b>3.2</b>	<b>7.0</b>	<b>6.9</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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