

## Technical Data Sheet



### PCI DM 10

#### GECOMPOSITE DRAINAGE SHEET

#### GENERAL INFORMATION

DM 10 is a drainage composite consisting of a PP geotextile layer bonded to a high-flow, dimpled, recycled HDPE core. With a highly respected track record, typical engineered applications include but are not limited to: beside and above appropriate insulation, beside and above roofing and waterproofing membranes, as well as below masonry such as natural stone, pavers, paving slabs, outdoor porcelain, turf, pedestals, setting beds, concrete or soil/media.

#### PHYSICAL AND TECHNICAL PROPERTIES

DM 10	VALUE Metric average	VALUE US av	METHOD*
COLOR	BLACK+GRAY	(same)	
DIMPLE HEIGHT	10.16 mm	0.4 in	ASTM D1777 equivalent*
ROLL DIMENSIONS	10 mm x 2 m x 12.5 mm	0.4 x 79 x 492 in	
COMPRESSIVE STRENGTH	400 kN/m <sup>2</sup> /s	8,354 psf	ASTM D1777 equivalent*
WATER FLOW CAPACITY R/S, 1:1, 20 kpa)	4.11 x10 <sup>-3</sup> m <sup>2</sup> /s (± 0.41x10 <sup>-3</sup> m <sup>2</sup> /s)	> 21 gpm	ASTM D1777 equivalent*
WATER PERMEABILITY	80 x10 <sup>-3</sup> m/s (± 15x10 <sup>-3</sup> m/s)	.262 ft/s (± .05)	
DYNAMIC PERFORATION RESISTANCE	33 mm (+5 mm)	1.3 in (± 0.2 in)	
SERVICE TEMPERATURE RANGE	-30 - 80 °C	-22 - 176 °F	
RESISTANCE TO WEATHERING	To be covered within 2 weeks after installation.		
OTHER PROPERTIES	Resistant to most chemicals and plant roots. Not harmful for drinking water. Resistant to		

\*CE certification according to DIN EN 13252

#### STORAGE INFORMATION

PCI DM 10 should be stored in a dry and cool place, in the original packaging and protected from UV rays. Rolls must be transported and stored in an upright position. Pallets should not be placed on top of each other and should be stored away from direct heat sources.