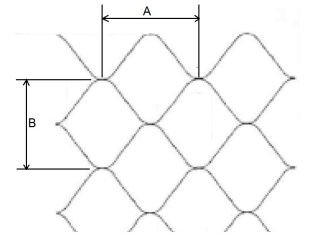


ForCell is a 3D geosynthetic material in honeycomb shape which is manufactured by ultrasonic welding of adjacent PE perforated strips allows drainage between neighbour cells.

## ForCell 330/100 E Technical Properties

Property	Standard	Unit	Values
Nominal sheet thickness after texturing	EN 1849-2 EN ISO 9863-1	mm	1.3(±0.1)
Tensile Strength of strips (Without perforation)	TS EN ISO 10319	kN/m	≥16
Tensile Strength of strips (With perforation)	TS EN ISO 10319	kN/m	≥9.6
Weld shear strength (Tested on nonperforated strip)	EN ISO 13426-1 (A)	kN/m	≥16
Weld peel strength (Tested on nonperforated strip)	EN ISO 13426-1 (B)	kN/m	≥6
Carbon black content	EN 53375-2 ISO 18553	%	≥1.3
Cell dimensions	-	mm	A250/B200
Cell area	-	cm <sup>2</sup>	≥250
PE Polymer density	EN ISO 1183	g/cm <sup>3</sup>	≥0.935



## Usage Areas and Intended Use

EN 13249



Highways

EN 13250



Railways

EN 13251



Retaining Structures

EN 13253



Erosion Control

EN 13254



Dams

EN 13255



Canals

EN 13257



Landfill

EN 13265



Liquid Landfill

We also able to produce different roll sizes according to customer requirements. Values are given according to our production control tests and other tests applied at accredited laboratories with our best knowledge.

İstanbul Teknik has the right to change all values at any time without notice.

The products are sent on pallets and covered with stretch wrap. Products should be stored under cover so that they are not affected by water, oil, mud, sunlight, heat and fire sources. ForCell 330/100 weld distance 330 mm  
Strip height 100 mm

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