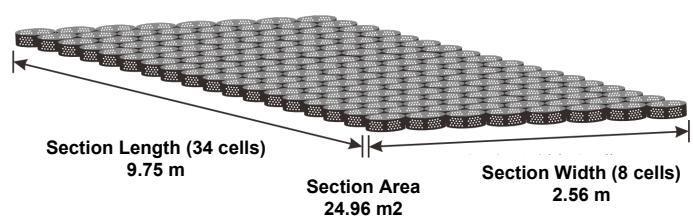
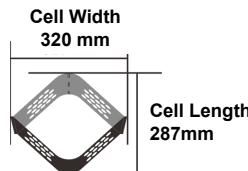
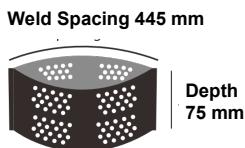


SUB-BASE OPTIMISATION

SUPER-CELL 150MM - 445

TECHNICAL SPECIFICATIONS

MATERIAL PROPERTY	TEST METHOD	VALUE
Cell		
Cell Depth	-	150 mm ($\pm 1\%$)
Weld Spacing	-	445 mm ($\pm 0.5\%$)
Property		
Material	-	Ecloy™ HDPE Basic
Density	ASTM D1505	0.940–0.960 g/cm ³
Carbon Black	ASTM D1603	$\geq 1.5\%$
Peeling Strength	EN ISO 13426-1 Method B	2400 N [16 kN/m] (min.avg.)
Splitting Strength	EN ISO 13426-1 Method C	4500 N [30 kN/m] (min.avg.)
Tensile Strength	ASTM D638	$\geq 25\text{ kN/m}$
ESCR	ASTM D1693	$\geq 7000\text{ hrs}$
Nominal Dimension (Expanded)		
Cell Size	-	320 mm x 287 mm
Cell Numbers	-	8 cells (W) x 34 cells (L)
Section Size	-	2.56 m (W) x 9.75 m (L)
Section Area	-	24.96 m ² ($\pm 10\%$)



Notes:

1. Peeling strength > 145N/cm when including tendon holes
2. Section size can be customized
3. The dimensions listed are theoretical and may in actual use
4. Additional datasheets with specific information can be provided upon request

Applications:
Soil Stabilization
Slope Protection
Erosion Control