

FORMATEXTILE 300

PRODUCT INFORMATION - F2001



INTRODUCTION

Formatextile 300 is a purpose built heavy duty non-woven needle punched permeable geotextile, to be used in conjunction with Formavoid 100 units (F1001). The unique manufacturing process delivers a high tensile strength, low elongation geotextile with good permeability and protection/puncture resistance.

Such characteristics are required to create a tensile layer beneath a Formavoid raft to effectively spread load between columns and permit small recoverable deflections without tearing/compromising under heavy load. Formatextile 300 also reduces the likelihood of settlement/sinking into the formation.



Formatextile 300 Information

Product Code	F2001
Material	High Density Polyethylene
Weight	275gsm ($\pm 10\%$)
Machine Direction Tensile	15kN/m (EN ISO 10319)
Cross Direction Tensile	20kN/m (EN ISO 10319)
Machine Direction Elongation	50% (EN ISO 10319)
Cross Direction Elongation	50% (EN ISO 10319)
Resistance to Static Puncture	2.5kN (EN ISO 12236)
Dynamic Perforation Resistance	15mm (EN ISO 13433)



- Permits low elongation to reduce tearing.
- High tensile strength, preventing excessive settlement/deflection.
- Effectively spreads heavy load between Formavoid columns.
- High permeability and protection characteristics.
- Effective separation and protection against particle migration.

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Packaging

Packaging	Roll
Roll Size	110m x 4m (440m ²)
Roll Weight	Approx. 135kg
Storage	Store in original packaging indoors where possible



NOTES

- Formatextile 300 to be placed on a formation prepared to minimum 5% CBR. Special attention required for <5% CBR.
- Geotextile to be placed continuously on all surfaces prior to installation of Formavoid 100 (F1001) units.
- Overlaps of minimum 300mm are required. Overlaps can be sensibly reduced when panels of geotextile are twin wedge welded.

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