



# Zemdrain® MD



Controlled Permeability Formwork (CPF) Liners

## Properties

Property	Zemdrain® MD
CIRIA Classification	Type III CPF Liner
Description	Filter fabric laminated to a plastic grid
Composition of filter	100% polypropylene
Maximum pore size of filter	< 35 microns
Thickness under 200kPa pressure	2mm ± 10%
Compression under 0 to 200kPa pressure	< 10%
Maximum Tensile Strength	> 19 kN/m <sup>2</sup>
Tensile Strength at 5% elongation	> 8 kN/m <sup>2</sup>
Trapezoidal Tear Strength	Not applicable
Mesh opening of drainage grid	< 4mm
Air Permeability	< 3.0 m <sup>3</sup> /m <sup>2</sup> .sec.
Drainage Capacity	Up to 3.0 litres/m <sup>2</sup>
Water retention without drainage	1.30 litres/m <sup>2</sup>
Water retention with drainage	0.40 litres/m <sup>2</sup>
Maximum water absorption of filter	< 0.05 litres/m <sup>2</sup>
Roll lengths	35m
Roll widths	2.5m

### Notes:

- Zemdrain® properties given above are subject to change without notice
- Zemdrain® is manufactured by DuPont de Nemours (Luxembourg) S.A. To EN ISO 9001
- Zemdrain® Material Safety Data Sheet is available upon request
- Zemdrain® specimen specifications are available upon request



Max Frank GmbH & Co. KG - Mitterweg 1 - D-94339 - Leiblfing - Germany

Phone: +49 (0) 9427 189 117 - Fax: +49 (0) 9427 1588

www.maxfrank.com - E-mail: info@maxfrank.de