MIRAFI G-Series
GEOLON

TECHNICAL DATA SHEET

MIRAFI HMi

MIRAFI HMi is specifically designed for subgrade stabilization and base reinforcement. The geotextile is composed from polypropylene yarn with the highest possible stiffness modulus. Combined with a specialised weaving technique it leads to high tensile strengths at extremely low elongation. The product is easily recognisable at the project site due to the striped pattern and the inwoven product name.

Properties	Test method	Unit	HMi-5
Mechanical Properties			
Stiffness (MD/CMD)	EN ISO 10319	kN/m	1100
min Jsec 0.5-5.5 % (MD/CMD)	EN ISO 10319	kN/m	1000
Tensile strength at 5% (MD/CMD)	EN ISO 10319	kN/m	55
Tensile strength at 3% (MD/CMD)	EN ISO 10319	kN/m	33
Tensile strength at 2% (MD/CMD)	EN ISO 10319	kN/m	22
Dynamic perforation (cone drop)	EN ISO 13433	mm	10
Static puncture resistance (CBR)	EN ISO 12236	kN	7.50
Hydraulic Properties			
Characteristic opening size O90	EN ISO 12956	µm	300
Water permeability normal to the plane (Δh = 50 mm)	EN ISO 11058	mm/s	20
Form of Supply			
Width		m	5.2
Length		m	100
Roll weight		kg	125

Notes

* MD = Machine Direction / CMD = Cross Machine Direction
Min: These values are given within the 95% confidence level.
Other forms of supply are available on request.

For more information, concerning long term design strength, friction behaviour or other product properties please contact Solmax.

The values are average values obtained in our laboratories and in accredited institutes. The information given in this datasheet is to the best of our knowledge true and correct. However, new research results and practical experience can make revisions necessary. The right is reserved to make any change without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

Certification and Accreditation

CERTIFIED
ISO 9001
ISO 14001
ISO 45001

CE

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