

M-Geo DATASHEET



MANAS GEO TECH INDIA PVT. LTD.
An Indo-Italian Technical Know How

M-Geo is Non Woven Geo Textile Manufactured from High Quality Regenerated Polyester.

PROPERTIES	TEST METHOD	UNIT	100 GSM	120 GSM	150 GSM	200 GSM	250 GSM	300 GSM	400 GSM
Tensile Strength	ASTM D4595	KN/m	3	4.0	5.0	7.0	9.0	12	16
Elongation	ASTM D4595	%	50	50	50	50	50	50	50
Grab Tensile Strength	ASTM D4632	N	220	255	310	425	520	625	830
Grab Tensile Elongation	ASTM D4632	%	>60	>60	>60	>60	>60	>60	>60
Trapezoidal Tear Strength	ASTMD 4533	N	80	95	140	185	240	280	375
Puncture Strength (CBR)	ASTMD 6241	N	650	780	970	1300	1500	1750	2250
Flow Water Rate-5cm head	ASTMD 4491	1/m2/s	100	90	70	60	50	40	30
AOS	ASTMD 4751	microns	100	100	80	80	<75	<75	<75
Thickness	ASTMD 4491	Mm	0.9	0.9	1.1	1.4	1.7	2.0	2.5
Mass/Unit Area	ASTMD 5261	Grams	100	120	150	200	250	300	400
Roll Dimension (width x length)		Meter	5x100	5x100	5x100	5x100	5x100	5x100	5x100

BENEFITS:

Filtration | Drainage | Reinforcement | Cushion | Waterproofing | Separation

CERTIFICATIONS:



The Quality System of Manas Geo Tech is certified according to ISO 9001

FF-25, Vasant Sqaure Mall, Plot No. A, Community Centre, Pocket-V, Sector-B, Vasant Kunj, New Delhi-110070 (India)

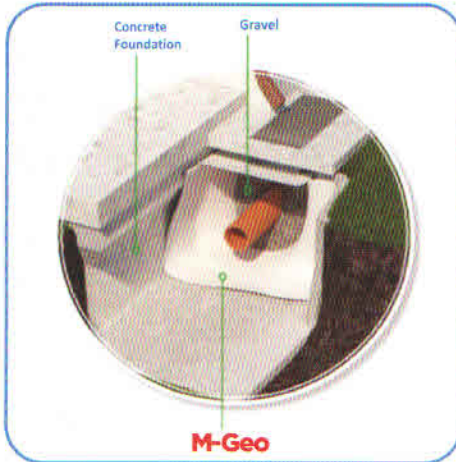
Ph: 011-4600 0770/ 4600 0568 | Email: info@manasgeotextile.com | sales@manasgeotextile.com | W: www.manasgeotextile.com

M-Geo APPLICATION

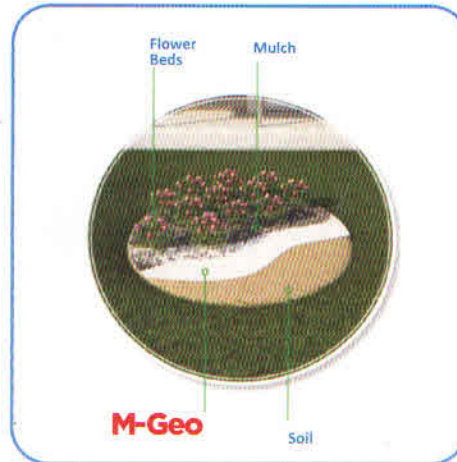


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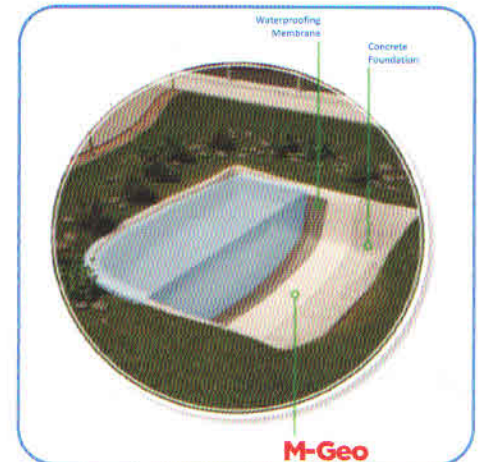
Geo Textile for Drainage



Geo Textile for Weed Control



Geo Textile for Water Proofing



Non Woven Geo Bags



BENEFITS:

Filtration | Drainage | Reinforcement | Cushion | Waterproofing | Separation

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PROPERTIES	TEST METHOD	UNIT	500 GSM	600 GSM	800 GSM	1000 GSM
Tensile Strength	ASTM D4595	KN/m	18	20	24	29
Elongation	ASTM D4595	%	50	50	50	50
Grab Tensile Strength	ASTM D4632	N	1000	1120	1380	1700
Grab Tensile Elongation	ASTM D4632	%	>60	>60	>60	>60
Trapezoidal Tear Strength	ASTMD 4533	N	485	560	750	910
Puncture Strength (CBR)	ASTMD 6241	N	2470	2950	3350	4000
Flow Water Rate-5cm head	ASTMD 4491	1/m2/s	30	30	20	20
AOS	ASTMD 4751	microns	<75	<75	<75	<75
Thickness	ASTMD 4491	Mm	2.9	3.4	4.5	5.6
Mass/Unit Area	ASTMD 5261	Grams	500	600	800	1000
Roll Dimension (width x length)		Meter	5X50	5x50	5x50	5x50

BENEFITS:

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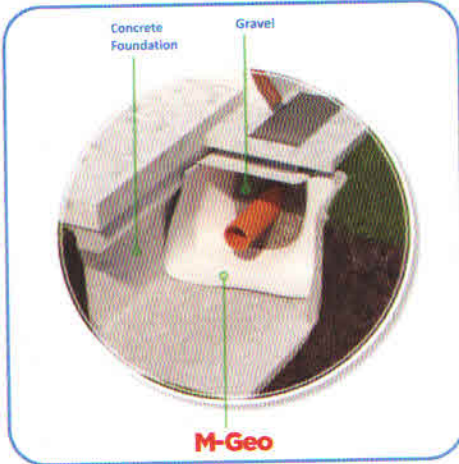
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M-Geo APPLICATION

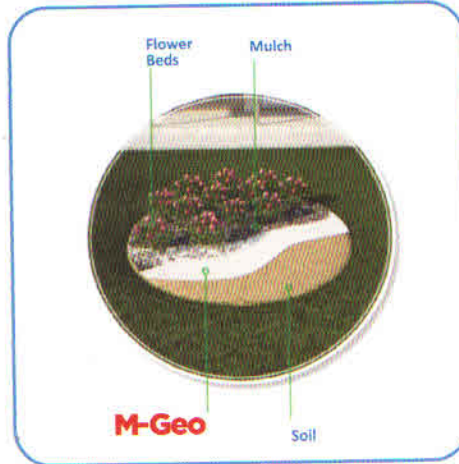


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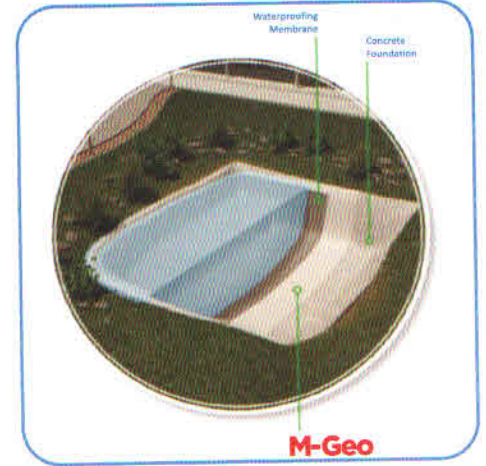
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