

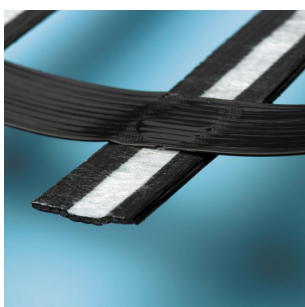
PARADRAIN!

STRIP BONDED DRAINING GEOGRIDS WITH HIGH TENACITY POLYESTER CORE

ParaDrain! is a new generation of geosynthetic materials, combining reinforcement and drainage functions in one product.

It has been specially developed for the reinforcement of slopes constructed from poorly draining backfill

PARADRAIN!		50/15	80/15	100/15	150/15	200/15
Mechanical properties						
Tensile strength on wide strip						
Tensile longitudinal strength (minimum value)	kN/m	50	80	100	150	200
Strip tensile longitudinal strength (minimum value)	kN	3.75	6.00	7.50	11.25	15.00
Tensile cross strength (minimum value)	kN/m	15	15	15	15	15
Elongation in both directions (typical value)	%	11	11	11	11	11
Hydraulic properties						
In plane flow at 100 kPa						
HG = 1.0	l/m.h	3.8	3.8	3.8	3.8	3.8
HG = 0.5	l/m.h	1.9	1.9	1.9	1.9	1.9
HG = 0.1	l/m.h	0.9	0.9	0.9	0.9	0.9
Permeability normal to the plane	l/m ² .s	90	90	90	90	90
Pore size of the filter AOS O ₉₀	micron	100	100	100	100	100
Physical properties (typical values)						
Strip reinforcement polymer		PET	PET	PET	PET	PET
Strip coating polymer		PE	PE	PE	PE	PE
Filter polymer (nonwoven)		PP/PE	PP/PE	PP/PE	PP/PE	PP/PE
Thickness	mm	2.1	2.4	2.5	2.6	2.6
Strip width (longitudinal)	mm	24	24	24	33	33
Mesh size (open area)	mm	200 x 50	200 x 50	200 x 50	20 x 42	200 x 42
Roll width	m	3.9	3.9	3.9	3.9	3.9
Roll length	m	50	50	50	50	50
Roll weight	kg	90	100	110	140	170



ParaDrain! is a registered name of Linear Composites Ltd.

For the optimisation and improvement process of the technical characteristics of the products, the producer reserves the facility to modify standard and characteristics at the product without any warning. The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept any liability for any loss or damage, however arising, which results directly or indirectly from the use of such information nor do we offer any warranty or immunity against patent infringement.

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