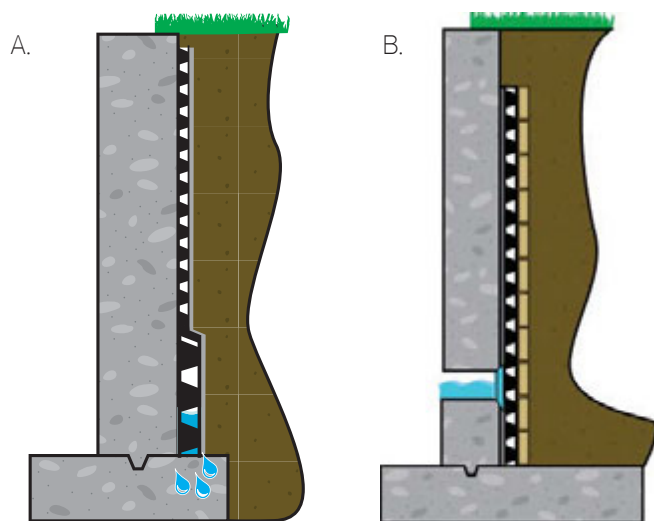


Drainage Application Chart for vertical and horizontal use.

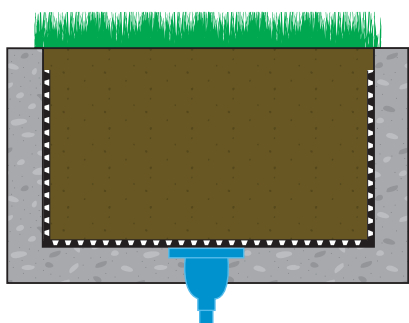


A. BACKFILLED WALLS

MEL-ROL.....	MEL-DRAIN 5012/5035
MEL-ROL LM.....	MEL-DRAIN 5012-B/5035-B
HYDRALASTIC 836.....	MEL-DRAIN 5012-B/5035-B

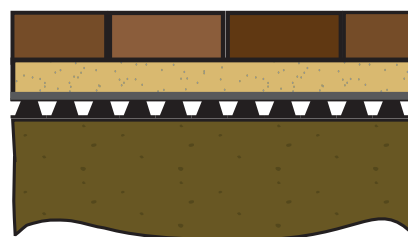
B. BLINDSIDE WALLS

HYDRALASTIC 836.....	MEL-DRAIN 5035
PRECON.....	MEL-DRAIN 5035



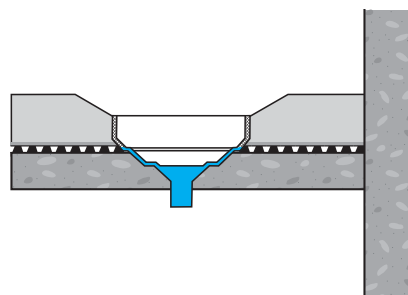
PLANTERS

HYDRALASTIC 836.....	MEL-DRAIN 9055-B
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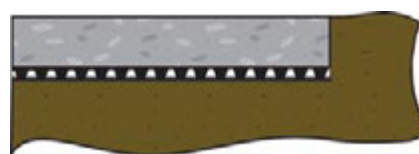
PLAZA DECKS

PRECON.....	MEL-DRAIN 9055
MEL-ROL.....	MEL-DRAIN 9055
HRM 714.....	MEL-DRAIN 9055-B
HYDRALASTIC 836.....	MEL-DRAIN 9055-B



SPLIT SLAB

PRECON.....	MEL-DRAIN 9055
HRM 714.....	MEL-DRAIN 9055
HYDRALASTIC 836.....	MEL-DRAIN 9055-B
MEL-ROL.....	MEL-DRAIN 9055-B



UNDER SLABS

PRECON.....	MEL-DRAIN 5035
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With MEL-DRAIN,
you'll always get the right
product to fit the needs of
your job.

W. R. MEADOWS offers a complete line of MEL-DRAIN prefabricated drainage products that will enhance and extend the performance life of your waterproofing membrane. By design, MEL-DRAIN products not only protect the membrane from installation stresses, but will also eliminate hydrostatic pressure from accumulating by providing an uninterrupted flow path for water to bypass problem soil layers. MEL-DRAIN sheet products combined with MEL-DRAIN TOTAL-DRAIN work together as a complete drainage system that offers unmatched protection and performance.

MEL-DRAIN PRODUCTS			5012	5035	9072	9055	7955	MEL-DRAIN TOTAL-DRAIN
			5012-B	5035-B	9072-B	9055-B	7955-B	MEL-DRAIN TOTAL-DRAIN-B
Physical Properties ¹	ASTM Test Method	Unit of Measure						
FABRIC								
Material ²			PP, NPNW	PP, NPNW	PP, NPNW	PP, NPNW	PP, WM	PP, NPNW
Water Flow Rate	D 4491	gpm/ft ²	165	165	90	90	145	150
		Lpm/m ²	6,724	6,724	3,668	3,668	5,907	6,113
Grab Tensile Strength	D 4632	lbs	100	100	205	205	365 x 200	115
		N	445	445	912	912	1624 x 890	512
CBR Puncture	D 6241	lbs	275	275	600	600	675	320
		kN	1.22	1.22	2.66	2.66	3.00	1.41
Apparent Opening Size	D 4751	sieve	70	70	80	80	40	70
		mm	0.210	0.210	0.177	0.177	0.43	0.21
Grab Elongation	D 4632	%	65	65	70	70	24 x 10	70
Permittivity	D 4491	sec ⁻¹	2.4	2.4	1.5	1.5	2.1	2.4
UV Resistance	D 4355	% / 500 Hrs	70	70	70	70	90	70
CORE								
Material ²			HIPS	HIPS	HIPS	HIPS	PP	HIPS
Thickness	D 1777	in	0.25	0.44	0.25	0.44	0.40	0.44/1.0
		mm	6.35	11	6.35	11	10	11/25.4
Compressive Strength	D 1621	psf	11,000	15,000	30,000	18,000	18,000	9,000
		kPa	527	718	1,436	862	862	431
Flow Rate ³	D 4716	gpm/ft	12.5	17	13	21	21	80
		Lpm/m	155	211	161	261	261	994
COMPOSITE								
Recycled Content ⁴		%	70	75	65	65	70	80, 75-B
Roll Size		ft	4x50	4x50	4x50	4x50	6x50	2x50
Roll Weight		lbs	28, 29-B	38, 39-B	49, 50-B	53, 50-B	73, 74-B	27, 28-B

¹ Unless otherwise noted, all physical and performance properties listed are Typical Values as defined in ASTM D 4439. ² PP = Polypropylene; HIPS = High Impact Polystyrene; NPNW = Needle-Punched Nonwoven; WM = Woven Monofilament. ³ In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0. ⁴ Post-industrial recycled content by weight. "B" products include a polymeric backing film.

W. R. MEADOWS offers MEL-DRAIN products with AASHTO Classified Geotextiles. All technical information contained in this document is accurate as of time of publishing. W. R. MEADOWS reserves the right to make changes to products and literature without notice. For more detailed information, please request specific MEL-DRAIN model.