

Grading
Fill
Lightweight Fill Material

List # 2.35.30
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 Date: 01-Aug-2018

CUSTODIAL OFFICE : MERO - Foundation Design - (416) 235-3715

NOTES:

- LIGHTWEIGHT FILL (LWF) SYSTEMS: Embankment Fill (EF), Pavement Subbase (PB), Structure Backfill (SF), Trench Backfill (TF).
- Acceptance (Acc in header) is a category, with status of Demonstration (DE) or Acceptance (A); Blank entry indicates a potential product.
- Unit Weight (kN/m³) shown (in-situ saturated) shall not exceed 15kN/m³.
- Compressive strength (kPa) data field has an abbreviated header shown as CS.

Company	LWF System#	LWF	Trade Identity	Supply Points	Unit Wt (kN/m ³)	CS (kPa)	Material Type	Env Req'ts	Acc	Comments
CEMATRIX(Canada) Inc. 5440 - 53 Street SE Calgary AB T2C 4B6 Tel: 1-888-876-0484 Fax: 403-243-9839 Email: steve.bent@cematrix.com Web: www.cematrix.com	PB	7	CMI	GTA (Toronto)	5-10	500-700	Concrete	No Fly Ash	A	Groundwater monitoring will be implemented on 1st MTO project.
	TF	7	CMG	GTA (Toronto)	5-10	500-700	Concrete	No Fly Ash	A	Groundwater monitoring will be implemented on 1st MTO project.
	EF, SF	7	CMF	GTA (Toronto)	5-10	500-700	Concrete	No Fly Ash	A	Groundwater monitoring will be implemented on 1st MTO project.
CRH Canada Group Inc. 2300 Steeles Avenue West, 4th floor Concord ON L4K 5X6 Tel: 905-532-3000 Fax: 905-761-7200 Web: www.crhcanada.com	EF, PB, TF, SF	10	Foamcrete	Dufferin RMX Plants in Ontario	5-10	500-1000	Cellular Concrete	Level 1 and therefore the material shall be placed >2m above nominal groundwater level and >30m away from potable water wells. No Fly Ash	DE	Groundwater monitoring required.
Elastizell Canada Inc. 2-80 North Queen Street Etobicoke ON M8Z 2C9 Tel: 416-217-0222 Cellular: 416-436-4405 Email: kspavins@elastizellcanada.com Web: www.elastizellcanada.com	SF, PB, TF, EF	6	Elastizell		3-11	500-700	Concrete	No Fly Ash	A	Groundwater monitoring will be implemented on next MTO project.
Foamyna Canada Inc. 4711 Yonge St, 10th Floor, Suite #10068 Toronto ON M2N 6K8 Canada Tel: 647-504-3308 Email: info@foamyna.com Web: www.foamyna.com	SF, PB, TF, EF	9	Foamyna	GTA (Toronto)	3.5	400	Foamed Glass	Foamyna Foamed Glass shall be placed >2m above nominal groundwater level, >30m away from water bodies and >100m from potable water wells.	DE	Groundwater monitoring required, Chemical Testing/ Evaluation required on a project specific basis
Fransyl Ltée	EF, SF	3	Geospec	Terrabonne, Quebec	0.5	100-150	Polystyrene		A	

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Lafarge Canada Inc. 95 Hobson Rd. Hamilton ON L8H 0A4 Canada Tel: 905-547-2131 Web: www.lafarge-na.com	PB, TF, SF, EF	4	Type 1 - Litex 149	Hamilton	12.5-13		Slag		A	
	EF, TF, SF, PB	4	Type 2 - Litex 143	Hamilton	14-15		Slag		A	
Plasti-Fab Ltd. (Kitchener) 1214 Union St, P.O. Box 1120 Kitchener ON N2G 4G1 Canada Tel: 519-571-1650 Web: www.plastifab.com	EF, SF	1	Geospec	Kitchener	0.5	100-150	Polystyrene		A	