

CUSTODIAL OFFICE : EMO - Concrete - (416) 235-3705

NOTES:

Chemical and superplasticizing admixtures may be used with air entraining admixtures listed herein or alternatively, with other air entraining admixtures listed in DSM 9.25.05. The air void system in the hardened concrete shall meet the contract requirements for spacing factor and total air content.

DOSAGE:

Minimum dose per 100 kg of cement (in ml). When a water reducing admixture and a set retarding admixture are both used in a concrete mix, the minimum dose requirement shall only apply to one of the two products.

ABBREVIATIONS:

A- water reducing, B - set retarding, C - accelerating, D-water reducing and retarding, E - water reducing and accelerating, F- superplasticizing, G - superplasticizing and retarding, S - other as defined by OPSS 1303

Company	Product Identity	Form	Min. Dose	Type	Non-Chloride	Required Air Entraining Admixture	Relative Density at 25 Deg C	Non-Volatile Content at 105 Deg C (%)	pH
Euclid Admixture Canada Inc. (Quebec) 2835 Grande-Alle Saint-Hubert QC J4T 2R4 Canada Tel: 450-465-2233 Fax: 450-465-2140 Web: www.euclidchemical.com Ontario Source: Euclid Admixture Canada Inc. 595 Canarctic Drive North York ON M3J 2P9 Canada Tel: 416-747-7107 Fax: 416-747-9970	Eucon WR	Liquid	250 ml	A	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.213	40.20	N/A
	Eucon WR-75	Liquid	250 ml	A	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.195	40.20	N/A
	EUCON 727	Liquid	185 ml	B and D	yes	Airex L, or Airextra, Euco Air, or AirMac 6 AirMac 12	1.160	31.00	N/A
	Plastol 341	Liquid	163 ml	A	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.046	20.50	N/A
	Plastol 341	Liquid	n/a	F	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.046	20.50	N/A
	Eucon 37	Liquid	n/a	F	yes	Airextra, AirMac 6 or AirMac 12	1.210	40.50	N/A
	Eucon 537	Liquid	n/a	G	yes	Airextra, AirMac 6 or AirMac 12	1.210	41.00	N/A
	Plastol 5000	Liquid	n/a	F	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.070	31.00	N/A

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	Plastol 6400	Liquid	n/a	F	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.090	38.00	N/A
	Plastol AMP-X2	Liquid	270 ml	A and S (Workability retaining admixture)	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.044	20.00	N/A
	Eucon CIA	Liquid	n/a	C	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.300	35.00	N/A
	Accelguard 90	Liquid	n/a	C	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.380	52.70	N/A
	Visctrol	Liquid	9 mL/100kg	Type S-Viscosity Modifying Admixture	yes	Airex L, or Airextra, Euco Air, AirMac 6 or AirMac 12	1.205	42.5	7.5

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GCP Applied Technologies Inc. 294 Clements Rd W Ajax ON L1S 3C6 Canada Tel: 905-683-8561 Fax: 905-683-5947 Toll free: 800-263-7500 Web: www.graceconstruction.com	Daratard HC	Liquid	190 ml	B and D	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.1725	31.00	N/A
	Daratard 17	Liquid	190 ml	B and D	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.2450	47.30	N/A
	WRDA 20	Liquid	220 ml	A	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.185	47.00	N/A
	WRDA 82	Liquid	190 ml	A	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.216	45.20	N/A
	Daracem 19	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.220	42.00	N/A
	ADVA 140	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.040	16.00	N/A
	ADVA CAST 575	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.075	38.50	N/A
	ADVA Cast 535	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.02	10.30	N/A

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GCP Applied Technologies Inc. 294 Clements Rd W Ajax ON L1S 3C6 Canada Tel: 905-683-8561 Fax: 905-683-5947 Toll free: 800-263-7500 Web: www.graceconstruction.com	ADVA CAST 585	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.080	38.00	N/A
	ZYLA 630	Liquid	360 ml	A	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.095	22.50	N/A
	MIRA 95	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.035	10.00	N/A
	ADVA 198	Liquid	n/a	F	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.070	27.50	N/A
	RECOVER	Liquid	180 ml	B	yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.117	22.19	N/A
	Daraset 400	Liquid	N/A	C	Yes	Darex AEA, Darex AEA ED, Darex II AEA, Daravair 1400 or Darex EH AEA.	1.436	54.00	N/A
	Mapei Inc. 2900 Francis-Hughes Ave Laval QC H7L 3J5 Tel: 1-800-361-9309 Fax: 450-901-0196 Web: www.mapei.com	Dynamon Easy 75	Liquid	100 ml	A and F	Yes	Mapeair SA-50	1.052	21.8
Dynamon NRG 1092		Liquid	N/A	F	Yes	Mapeair SA-50	1.095	40.65	N/A
Dynamon SX		Liquid	200 ml	A and F	Yes	Mapeair SA-50	1.073	26.5	N/A
Dynamon SX 37		Liquid	130 ml	A and F	Yes	Mapeair SA-50	1.100	37.5	N/A
Mapefluid N200		Liquid	N/A	F	Yes	Mapeair SA-50	1.200	40.5	N/A
Mapeplast N811		Liquid	195 ml	A	Yes	Mapeair SA-50	1.260	48.3	N/A
Mapeplast R815		Liquid	195 ml	A	Yes	Mapeair SA-50	1.200	42.0	N/A
Mapetard 800		Liquid	130 ml	B	Yes	Mapeair SA-50	1.235	44.0	N/A

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Mapei Inc. 2900 Francis-Hughes Ave Laval QC H7L 3J5 Tel: 1-800-361-9309 Fax: 450-901-0196 Web: www.mapei.com	Mapetard SD 190	Liquid	65 ml	B	Yes	Mapeair SA-50	1.075	14.0	N/A
Master Builders Solutions (Canada Inc.) 1800 Clark Blvd Brampton ON L6T 4M7 Tel: 905-792-2012 Fax: 905-792-0651 Toll free: 800-387-5862 Web: www.basf-admixtures.com	MasterSet Delvo	Liquid	715 ml	B and D	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.070	13.50	N/A
	MasterSet R 100	Liquid	150 ml	B and D	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.220	47.00	N/A
	Master Glenium 3030	Liquid	150 ml	A	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.047	20.25	N/A
	Master Pozzolith 210	Liquid	195 ml	A	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.139	33.00	N/A
	Master Glenium 3030	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.047	20.30	N/A
	Master Rheobuild 1000	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.205	40.00	N/A
	Master Glenium 3400	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.107	44.60	N/A
	Master Glenium 1466	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.109	43.90	N/A

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Master Builders Solutions (Canada Inc.) 1800 Clark Blvd Brampton ON L6T 4M7 Tel: 905-792-2012 Fax: 905-792-0651 Toll free: 800-387-5862 Web: www.basf-admixtures.com	Master Glenium 7700	liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.069	33.00	N/A
	MasterCast 700	Liquid	150 ml	Type S (Admixture for dry cast manufactured concrete products)	yes	When required, MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.027	9.90	N/A
	Master Glenium 7102	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.048	25.35	N/A
	Master Glenium 7500	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.051	26.25	N/A
	MasterSure Z 60	Liquid	n/a	S (Workability retaining admixture)	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.043	19.90	N/A
	MasterSet FP 20	Liquid	n/a	C	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.350	48.35	N/A
	Master Glenium 7925	Liquid	165 ml	A	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.070	31.50	N/A
	Master Glenium 7925	Liquid	n/a	F	yes	MasterAir VR 10 or MasterAir AE 210 or MasterAir AE 90 or MasterAir AE 200 or MasterAir AE 400	1.070	31.50	N/A

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Premiere Concrete Admixtures, LLC 508 Cedar Street PO Box 277 Pioneer OH 43554 United States Tel: 800-503-3418 Fax: 419-737-9400 Email: douglas.wittler@premiereadmix.com Web: premiereconcretesolutions.com	Nitrocast K	Liquid	N/A	C	yes	ConAir, ConAir 260	1.375	48.68	N/A
	OptiFlo 100R	Liquid	110 ml	B and D	yes	ConAir, ConAir 260	1.187	33.82	N/A
	OptiFlo 50	Liquid	310 ml	A	yes	ConAir, ConAir 260	1.206	39.13	N/A
	OptiFlo 50	Liquid	390 ml	D	yes	ConAir, ConAir 260	1.206	39.13	N/A
	OptiFlo 500	Liquid	130 ml	A	yes	ConAir, ConAir 260	1.234	43.38	N/A
	OptiFlo 500	Liquid	325 ml	D	yes	ConAir, ConAir 260	1.234	43.38	N/A
	OptiFlo MR	Liquid	270 ml	A	yes	ConAir, ConAir 260	1.270	44.20	N/A
	UltraFlo 2000	Liquid	200 ml	A	yes	ConAir, ConAir 260	1.055	19.00	N/A
Premiere Concrete Admixtures, LLC 508 Cedar Street PO Box 277 Pioneer OH 43554 United States Tel: 800-503-3418 Fax: 419-737-9400 Email: douglas.wittler@premiereadmix.com Web: premiereconcretesolutions.com	UltraFlo 2000	Liquid	n/a	F	yes	ConAir, ConAir 260	1.055	19.00	N/A
	UltraFlo DP	Liquid	n/a	F	yes	ConAir, ConAir 260	1.090	35.00	N/A

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Sika Canada Inc. 6915 Davand Drive Mississauga ON L5T 1L5 Canada Tel: 905-795-3177 Fax: 905-795-3192 Toll Free: 800-933-7452 Email: marketing.construction@ca.sika.com Web: www.sika.ca	Plastiment	Liquid	273 ml	B and D	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.185	32.50	N/A
	Sika ViscoCrete 6100	Liquid	160 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.085	34.50	N/A
	Sikament AFM	Liquid	335 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.029	11.00	N/A
	Sikament 686	Liquid	235 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.050	22.00	N/A
	Sika ViscoCrete 2100	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.080	36.00	N/A
	Plastocrete 161	Liquid	234 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.225	35.00	N/A
	Sikaplast 500	Liquid	234 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.155	33.00	N/A
	Sika ViscoCrete 2110	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.094	41.00	N/A

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Sika Canada Inc. 6915 Davand Drive Mississauga ON L5T 1L5 Canada Tel: 905-795-3177 Fax: 905-795-3192 Toll Free: 800-933-7452 Email: marketing.construction@ca.sika.com Web: www.sika.ca	Sika Plastocrete 161 N	Liquid	250 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.203	45.00	N/A
	Sika Plastiment RX	Liquid	235 ml	B and D	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.228	42.60	N/A
	Sika Plastocrete 10 N	Liquid	165 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.205	44.70	N/A
	SikaPlast 200	Liquid	394 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.295	44.00	N/A
	Sikament SP-MN	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.190	40.00	N/A
	Sika ViscoCrete 6100	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.085	34.50	N/A
	Sikament 686	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.050	22.00	N/A
	SikaSet RHE	Liquid	N/A	C	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.400	55.50	N/A

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Sika Canada Inc. 6915 Davand Drive Mississauga ON L5T 1L5 Canada Tel: 905-795-3177 Fax: 905-795-3192 Toll Free: 800-933-7452 Email: marketing.construction@ca.sika.com Web: www.sika.ca	Sika Tard 440	Liquid	250 ml	B and D	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.140	21.00	N/A
	Sikament 300N	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.200	40.00	N/A
	Sika ViscoCrete 1000	Liquid	n/a	F	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.062	25.60	N/A
	Sika ViscoCrete 1000	Liquid	133 ml	A	yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.062	25.60	N/A
	Sika ViscoFlow 2020	Liquid	130 ml	A and S (Workability retaining admixture)	Yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.055	20.50	N/A
	Sika Stabilizer 4R	Liquid	65ml/100kg	S (Viscosity Modifying Admixtures)	Yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.028	6.5	8.0
	Sika Control NS	Solid	2kg/100kg of cement	S (Shrinkage-reducing Admixture)	Yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	N/A	94.00	12.00
	Sika Plastocrete 250	Liquid	130 ml	Type A and D	Yes	Sika Air or Sika Air 60 or Sika Air 260 or Sika Air 360 or Sika Multi-Air 25 or Sika AEA-14	1.066	16.48	N/A