

State of Louisiana
Department of Transportation and Development

Qualified Products List 58

ADMIXTURES FOR PORTLAND CEMENT CONCRETE

PRODUCT SOURCE CODE	PRODUCT	MFR.'S RECOMMENDED DOSAGE RANGE mL/45.36 kg of Cement (oz/100 lbs. of Cement)		SOURCE
(A) WATER REDUCING - SET RETARDING ADMIXTURES				
58DP	Pozzolith 100 XR	59-118	(2-4)	BASF Construction Chemicals 23700 Chagrin Boulevard Cleveland, OH 44122 <i>SMM: APS00001280</i>
58DQ	Pozzolith 200-N	30-89	(1-3)	
58DR	Pozzolith 220 N	89-178	(3-6)	
58DS	Pozzolith 300 R	89-148	(3-5)	
58DT	Masterpave-RI	59-89	(2-3)	
58DU	Masterpave-N	89-148	(3-5)	
58DV	Pozzolith 322N	89-207	(3-7)	
58DW	Pozzolith 80	148-237	(5-8)	
58EU	Delvo Stabilizer	118-177	(4-6)	
5802	*Edecon R 1-L18	178-296	(6-10)	Concrete Controls, Inc. 200 Industrial Avenue New Orleans, LA 70121 <i>SMM: APS00002790</i>
58AK	Eucon Retarder 100	74-148	(2.5-5.0)	Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 <i>SMM: APS00002360</i>
58CO	Redux R	89-148	(3-5)	
58CP	*Eucon LR	148-237	(5-8)	
58CQ	*Eucon NR	89-148	(3-5)	
5806	Daratard 17	59-118	(2-4)	W. R. Grace & Company 62 Whittemore Avenue Cambridge, MA 02140 <i>SMM: APS00001270</i>
58AF	WRDA-35	148-237	(5-8)	
58BW	WRDA-64	118-177	(4-6)	
5809	*WRDA-79	148-237	(5-8)	
5810	*WRDA-82	148-207	(5-7)	
5808	WRDA with Hycol	89-177	(3-6)	
58DJ	Recover	89-296	(3-10)	
58FO	ZYLA R	59-237	(2-8)	
58FS	ZYLA 610	118-207	(4-7)	
5811	*HPS-R (liquid)	177-237	(6-8)	Hunt Process Corporation - Southern P. O. Box 688 Ridgeland, MS 39158 <i>SMM: APS00002800</i>

PRODUCT SOURCE CODE	PRODUCT	MFR.'S RECOMMENDED DOSAGE RANGE mL/45.36 kg of Cement (oz/100 lbs. of Cement)	SOURCE
(A) WATER REDUCING - SET RETARDING ADMIXTURES (continued)			
58CL	FLOWMIX	177-237 (6-8)	International Materials Industries, LLC 2131 Peters Road Harvey, LA 70058 <i>SMM: APS00002810</i>
5820 5821 5822	Protard *PDA 25 *PDA 25R	59-148 (2-5) 148-237 (5-8) 118-237 (4-8)	Protex Industries, Inc. 1331 W. Evans Avenue Denver, CO 80223 <i>SMM: APS00002820</i>
58DO	LC-400R	89-177 (3-6)	Russtech, Inc. 11208 Decimal Drive Louisville, KY 40299 <i>SMM: APS00001290</i>
5823 5824	Plastiment 100 *Plastocrete 161R	59-118 (2-4) 89-148 (3-5)	Sika Chemical Corp. 201 Polito Avenue Lyndhurst, NJ 07071 <i>SMM: APS0002830</i>
(B) WATER REDUCING - NORMAL SET ADMIXTURES			
58DX 58DY 58DZ 58EA 58EB 58EC 58ED 58EE 58EF 58EV	Masterpave Masterpave-N Pozz 220-N Pozzolith 300N Polyheed 997 Polyheed FC 100 PolyHeed 900 PolyHeed 1025 Pozzolith 80 Polyheed 1020	118-178 (4-6) 59-118 (2-4) 59-148 (2-5) 89-148 (3-5) 89-355 (3-12) 237-887 (8-30) 89-148 (3-5) 89-207 (3-7) 89-148 (3-5) 89-355 (3-12)	BASF Construction Chemicals <i>SMM: APS00001280</i>
5826	*Edecon RI-L18	89-118 (3-4)	Concrete Controls, Inc. <i>SMM: APS00002790</i>
5827 58AL 58DB 58CR 58CS 58CT 58CU	*Eucon WR Eucon WR-91 Redux N *Eucon LR *Eucon LW *Eucon NW Eucon X-15	89-118 (3-4) 59-178 (2-6) 89-178 (3-6) 89-148 (3-5) 89-148 (3-5) 59-118 (2-4) 89-296 (3-10)	Euclid Chemical Company <i>SMM: APS00002360</i>

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(B) WATER REDUCING - NORMAL SET ADMIXTURES (continued)				
58AE	WRDA-35	59-118	(2-4)	W. R. Grace & Company <i>SMM: APS00001270</i>
58BT	WRDA-64	59-118	(2-4)	
5832	*WRDA-79	118-237	(4-8)	
5833	*WRDA-82	89-133	(3-4.5)	
5835	WRDA with Hycol	59-118	(2-4)	
58AD	Daracem-55	118-266	(4-9)	
58BC	Daracem-65	89-355	(3-12)	
58DF	MIRA 92	89-237	(3-8)	
58DK	Recover	30-74	(1-2.5)	
58FH	ZYLA 620	89-296	(3-10)	
58FI	ZYLA 630	89-296	(3-10)	
58FJ	Adva 140M	118-237	(4-8)	
58FR	ZYLA 610	59-118	(2-4)	
58FU	MIRA 110	148-266	(5-9)	
5836	*HPS-R (liquid)	118-178	(4-6)	Hunt Process Corporation - Southern <i>SMM: APS00002800</i>
58CM	IMIX-N	118-237	(4-8)	International Materials Industries, LLC <i>SMM: APS00002810</i>
5842	*PDA 25	118-178	(4-6)	Protex Industries, Inc. <i>SMM: APS00002820</i>
5843	*PDA 25XL	118-237	(4-8)	
5844	*Plastocrete 161	89-148	(3-5)	Sika Chemical Corporation <i>SMM: APS00002830</i>
58FF	SIKAMENT 686	89-355	(3-12)	
58FM	SIKAPLAST 500	89-355	(3-12)	
58FQ	SIKA Plastiment ES	59-118	(2-4)	
(C) AIR ENTRAINING ADMIXTURES				
58EG	MB VR (Standard)	7-118	(0.25-4)	BASF Construction Chemicals <i>SMM: APS00001280</i>
58EH	MB AE 90	7-118	(0.25-4)	
58EI	Micro-Air	4-118	(0.13-4)	
58EJ	Pave Air	7-118	(0.25-4)	
58EK	Pave Air 90	7-118	(0.25-4)	
5846	Edecon NVR+(WR4) (Extra Strength)	15-59	(0.5-2)	Concrete Controls, Inc. <i>SMM: APS00002790</i>

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(C) AIR ENTRAINING ADMIXTURES (continued)				
5847	Air-Mix	15-22	(0.5-1.5)	Euclid Chemical Company <i>SMM: APS00002360</i>
58AZ	Air-Mix 200	22-59	(0.75-2)	
58AQ	AEA-92	22-44	(0.75-1.5)	
58DC	Airen V	15-44	(0.5-1.5)	
58CV	Eucon NVR	22-59	(0.75-2)	
58CW	Eucon Air 31	22-44	(0.75-1.5)	
(D) SET ACCELERATING ADMIXTURES (CHLORIDE TYPE)				
The following set accelerating admixtures contain chlorides and should only be used whenever a chloride containing admixture is allowed by the specifications.				
58EL	Pozzolith 122HE	473-1893	(16-64)	BASF Construction Chemicals <i>SMM: APS00001280</i>
5861	Daracel	237-1183	(8-40)	W. R. Grace & Company <i>SMM: APS00001270</i>
(E) SET ACCELERATING ADMIXTURES (NON-CHLORIDE TYPE)				
58EM	Pozzolith NC 534	296-1331	(10-45)	BASF Construction Chemicals <i>SMM: APS00001280</i>
58CX	Eucon AcN200	296-2366	(10-80)	Euclid Chemical Company <i>SMM: APS00002360</i>

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(E) SET ACCELERATING ADMIXTURES (NON-CHLORIDE TYPE) (continued)			
58FE	SIKA SET NC	296-1331 (10-45)	Sika Corporation <i>SMM: APS00002830</i>
58BB	Polarset	237-1774 (8-60)	W. R. Grace & Company
58FY	Daraset 400	296-1774 (10-60)	<i>SMM: APS00001270</i>
(F) HIGH RANGE WATER REDUCING ADMIXTURES (SUPERPLASTICIZERS)			
The following high range water reducing admixtures are allowed in limited applications and should only be used when allowed by the specifications.			
58DH	PS 1466	59-296 (2-10)	BASF Construction Chemicals <i>SMM: APS00001280</i>
58DI	Glenium 3400NV	59-355 (2-12)	
58EN	Rheobuild 1000	296-739 (10-25)	
58EO	Glenium 3000NS	118-355 (4-12)	
58EX	Glenium 7101	89-355 (3-12)	
58FD	Glenium 7700	118-444 (4-15)	
58FL	Glenium 7500	130-975 (2-15)	
58BF	Edecon Chemwet FP	118-591 (4-20)	Concrete Controls, Inc. <i>SMM: APS00002790</i>
58BA	Eucon 37	355-473 (12-16)	Euclid Chemical Company <i>SMM: APS00002360</i>
58CY	Plastol	177-444 (6-15)	
58CZ	Eucon SP	177-591 (6-20)	
58DA	Eucon SP150	403-604 (13.6-20.4)	
58BI	Daracem 19	177-591 (6-20)	W. R. Grace & Company <i>SMM: APS00001270</i>
5867	Daracem 100	148-591 (5-20)	
58CN	ADVA 170	89-296 (3-10)	
58DG	MIRA 92	237-591 (8-20)	
58EY	EXP 950	59-296 (2-10)	
58EZ	ADVA 190	89-266 (3-9)	
58FA	ADVA FLEX	118-414 (4-14)	
58FB	ADVA CAST 555	177-591 (6-20)	
58FC	ADVA CAST 575	59-296 (2-10)	
58FK	ADVA 140M	237-591 (8-20)	
58FT	MIRA 110	296-444 (10-15)	
5868	HPS-HRWR-SP	237-739 (8-25)	Hunt Process Corporation - Southern <i>SMM: APS00002800</i>
58ES	MAXFLOW-30	59-414 (2-14)	
58ET	MAXFLOW-DLR	59-414 (2-14)	
5869	PSP-N2	296-887 (10-30)	Protex Industries, Inc. <i>SMM: APS00002820</i>

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(F) HIGH RANGE WATER REDUCING ADMIXTURES (SUPERPLASTICIZERS) (continued)			
58DL	Superflow 2000 RM	30-591 (1-20)	Russtech, Inc. <i>SMM: APS00001290</i>
5870	Sikament	355-1065 (12-36)	Sika Chemical Corporation <i>SMM: APS00002830</i>
58EQ	Viscocrete 2100	59-177 (2-6)	
58ER	Viscocrete 6100	89-355 (3-12)	
58FN	Viscocrete 4100	89-237 (3-8)	
58FP	Visocrete 2110	89-237 (3-8)	
(G) SPECIFIC PERFORMANCE ADMIXTURE			
58FV	Rheotec Z-60	89-355 (3-12)	BASF Corporation <i>SMM: APS00001280</i>
58FW	V-MAR F100	89-355 (3-12)	W. R. Grace & Co. <i>SMM: APS00001270</i>

NOTE 1:

Refer to the manufacturer’s instructions regarding agitation prior to use.

NOTE 2:

The column headed “Manufacturer’s Recommended Dosage Range” lists the admixture dosage rate range as recommended by the manufacturer per 100 pounds of cement. The dosage rates used may vary within this range depending on factors such as the degree of retardation required, desired air content, temperature and humidity conditions at the jobsite, and cement brand and type. Should the dosage range for any admixture not yield desirable properties of the concrete, the dosage of admixture used shall be in accordance with the manufacturer’s recommendations or based on test results obtained by the Materials Laboratory on concrete mixes containing project materials.

***NOTE 3:**

When used with a compatible air entraining admixture (from the same source), the dosage range listed for the air entraining admixture may be reduced to achieve the desired air content.

NOTE 4:

All material, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual and tested for conformance to the original specification. Any deviation in composition or performance from the original sample submitted may result in removal of the product from the qualified list. (Submit sample as least 10 days prior to use.)

No information contained in this list is to be used for promotional purposes.