

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 Admixtures 23700 Chagrin Boulevard Cleveland, OH 44122
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
58AK	Eucon Retarder 100	74-148	(2.5-5.0)	Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110
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
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)	
5811	*HPS-R (liquid)	177-237	(6-8)	Hunt Process Corporation P. O. Box 688 Ridgeland, MS 39158

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(A) WATER REDUCING - SET RETARDING ADMIXTURES (continued)			
58CL	FLOWMIX	177-237 (6-8)	International Materials Industries, LLC 2131 Peters Road Harvey, LA 70058
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
5823 5824	Plastiment 100 *Plastocrete 161R	59-118 (2-4) 89-148 (3-5)	Sika Chemical Corporation 201 Polito Avenue Lyndhurst. NJ 07071
58DO	LC-400R	89-177 (3-6)	Russtech, Inc. 11208 Decimal Drive Louisville, KY 40299
(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 Admixtures, Inc.
5826	*Edecon RI-L18	89-118 (3-4)	Concrete Controls, Inc.
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

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(B) WATER REDUCING - NORMAL SET ADMIXTURES (continued)				
58AE	WRDA-35	59-118	(2-4)	W. R. Grace & Company
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)	
5836	*HPS-R (liquid)	118-178	(4-6)	
58CM	IMIX-N	118-237	(4-8)	International Materials Industries, LLC
5842	*PDA 25	118-178	(4-6)	Protex Industries, Inc.
5843	*PDA 25XL	118-237	(4-8)	
5844	*Plastocrete 161	89-148	(3-5)	Sika Chemical Corporation
58FF	SIKAMENT 686	89-355	(3-12)	
58FM	SIKAPLAST 500	89-355	(3-12)	
(C) AIR ENTRAINING ADMIXTURES				
58EG	MB VR (Standard)	7-118	(0.25-4)	BASF Admixtures, Inc.
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.
5847	Air-Mix	15-22	(0.5-1.5)	Euclid Chemical Company
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)	

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(C) AIR ENTRAINING ADMIXTURES (continued)				
5849	Darex AEA	22-89	(0.75-3)	W. R. Grace & Company
5850	Daravair M	22-89	(0.75-3)	
58AR	Daravair 1000	22-89	(0.75-3)	
58BM	Darex II AEA	15-148	(0.5-5)	
58BE	Air-In	15-22	(0.5-0.75)	Hunt Process Corporation
58BD	Air-In-XT	15-22	(0.5-0.75)	
5857	Protex AES (Double Strength)	15-30	(0.5-1)	Protex Industries, Inc.
5858	Pro-Air (Concentrate)	15-30	(0.5-1)	
58EW	RSA-10	15-59	(0.5-2)	Russtech, INC.
5859	Sika AER 104	15-47	(0.5-1.6)	Sika Chemical Corporation
58EP	AEA-14	30-89	(1-3)	
58FG	SIKA AIR	15-89	(0.5-3.0)	
(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 Admixtures, Inc.
5861	Daraccel	237-1183	(8-40)	W. R. Grace & Company
(E) SET ACCELERATING ADMIXTURES (NON-CHLORIDE TYPE)				
58EM	Pozzolith NC 534	296-1331	(10-45)	BASF Admixtures, Inc.
58CX	Eucon AcN200	296-2366	(10-80)	Euclid Chemical Company
(E) SET ACCELERATING ADMIXTURES (NON-CHLORIDE TYPE) (continued)				
58FE	SIKA SET NC	296-1331	(10-45)	Sika Corporation
5885	Daraset	444-3845	(15-130)	W. R. Grace & Company
58BB	Polarset	237-1774	(8-60)	

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(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 58DI 58EN 58EO 58EX 58FD 58FL	PS 1466 Glenium 3400NV Rheobuild 1000 Glenium 3000NS Glenium 7101 Glenium 7700 Glenium 7500	59-296 59-355 296-739 118-355 89-355 118-444 130-975	(2-10) (2-12) (10-25) (4-12) (3-12) (4-15) (2-15)	BASF Admixtures, Inc.
58BF	Edecon Chemwet FP	118-591	(4-20)	Concrete Controls, Inc.
58BA 58CY 58CZ 58DA	Eucon 37 Plastol Eucon SP Eucon SP150	355-473 177-444 177-591 403-604	(12-16) (6-15) (6-20) (13.6-20.4)	Euclid Chemical Company
58BH 58BI 5867 58CN 58DG 58EY 58EZ 58FA 58FB 58FC 58FK	Daracem ML 330 Daracem 19 Daracem 100 ADVA 170 MIRA 92 EXP 950 ADVA 190 ADVA FLEX ADVA CAST 555 ADVA CAST 575 Adva 140M	177-739 177-591 148-591 89-296 237-591 59-296 89-266 118-414 177-591 59-296 237-591	(6-25) (6-20) (5-20) (3-10) (8-20) (2-10) (3-9) (4-14) (6-20) (2-10) (8-20)	W. R. Grace & Company
5868 58ES 58ET	HPS-HRWR-SP MAXFLOW-30 MAXFLOW-DLR	237-739 59-414 59-414	(8-25) (2-14) (2-14)	Hunt Process Corporation
5869	PSP-N2	296-887	(10-30)	Protex Industries, Inc.

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(F) HIGH RANGE WATER REDUCING ADMIXTURES (SUPERPLASTICIZERS) (continued)			
58DL	Superflow 2000 RM	30-591 (1-20)	Russtech, Inc.
5870	Sikament	355-1065 (12-36)	Sika Chemical Corporation
58EQ	Viscocrete 2100	59-177 (2-6)	
58ER	Viscocrete 6100	89-355 (3-12)	

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.