

Illinois Department of Transportation
Bureau of Materials

Qualified Product List
CONCRETE ADMIXTURES

July 26, 2024

This list supersedes the July 19, 2024 list.
Standard Specifications for Road and Bridge Construction, Section 1021

AIR ENTRAINING ADMIXTURES

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
DarCole Products, Inc.	7217-01	DSA 110 ⁵	Link	CADD-2021-01-007	Y	42197
Euclid Chemical Company	614-01	Eucon AEA 92	Link	CADD-2019-01-091 ²	N	42153
Euclid Chemical Company	614-01	Eucon Air Mac12	Link	CADD-2022-01-140	N	42187
Euclid Chemical Company	614-01	Eucon AEA 92S	Link	CADD-2021-01-139	N	42193
Euclid Chemical Company	614-01	Eucon Air Mix 250	Link	CADD-2021-01-141	N	42198
GCP Applied Technologies	767-01	Darex II AEA	Link	CADD-2021-01-102	N	42138
GCP Applied Technologies	767-01	Daravair 1400	Link	CADD-2022-01-096	N	42147
GCP Applied Technologies	767-01	Terapave AEA	Link	CADD-2019-01-122 ²	N	42169
GCP Applied Technologies	767-01	Darex AEA ED	Link	CADD-2022-01-099	N	42506
GCP Applied Technologies	767-01	Airalon 7000	Link	CADD-2021-01-101	N	42195
Mapei	6354-02	Polychem SA (Mapeair SA)	Link	CADD-2021-01-050	N	42165
Mapei	6354-02	Polychem SA-50 (Mapeair SA-50)	Link	CADD-2021-01-049	N	42181
Master Builders Solutions US	1254-01	MasterAir AE 90	Link	CADD-2020-01-067	N	42140

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵Product tested as Type C, not AEA.

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Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Master Builders Solutions US	1254-01	MasterAir VR 10 ⁴		CADD-2023-01-116	N	42110
Master Builders Solutions US	1254-01	MasterAir AE 200	Link	CADD-2020-01-065	N	42129
Master Builders Solutions US	1254-01	MasterAir AE 400	Link	CADD-2020-01-066	N	42182
Premiere Concrete Admixtures	6546-01	ConAir	Link	CADD-2022-01-052	N	42172
Premiere Concrete Admixtures	6546-01	ConAir 260	Link	CADD-2022-01-056	N	42173
Premiere Concrete Admixtures	6546-01	ConAir X	Link	CADD-2022-01-057	N	42199
RussTech Admixtures, Inc.	3988-01	RSA-10	Link	CADD-2020-01-001	N	42144
RussTech Admixtures, Inc.	3988-01	RAE-260	Link	CADD-2020-01-002	N	42505
Sika Corporation	2231-01	Sika AEA-14	Link	CADD-2020-01-138	N	42164
Sika Corporation	2231-01	Sika Multi Air-25	Link	CADD-2020-01-016	N	42180
Sika Corporation	2231-01	Sika Control AIR-160	Link	CADD-2022-01-126	N	42196
Sika Corporation	2231-01	Sika AIR-260	Link	CADD-2021-01-154	N	42184
Sika Corporation	2231-01	Sika AIR-360	Link	CADD-2021-01-155	N	42185

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type.
⁴Technical data sheet link required.

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TYPE A, WATER REDUCING ADMIXTURES

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Chryso, Inc.	6173-02	Chryso Quad 842	Link	CADD-2020-01-109	N	43983
DarCole Products, Inc.	7217-01	DNL 485	Link	CADD-2021-01-009	N	43958
DarCole Products, Inc.	7217-01	DNL 785	Link	CADD-2021-01-010	N	43960
DarCole Products, Inc.	7217-01	DWR 385	Link	CADD-2021-01-012	N	43956
Euclid Chemical Company	614-01	Eucon MR	Link	CADD-2023-01-005	N	43789
Euclid Chemical Company	614-01	Eucon WR	Link	CADD-2023-01-086	N	43781
Euclid Chemical Company	614-01	Eucon WR 91	Link	CADD-2021-01-148	N	43782
Euclid Chemical Company	614-01	Plastol 6420	Link	CADD-2020-01-032	N	43914
Euclid Chemical Company	614-01	Eucon MRX	Link	CADD-2019-01-127 ²	N	43875
Euclid Chemical Company	614-01	Plastol 6400 ³	Link	See Type F Listing	N	43950
GCP Applied Technologies	767-01	WRDA 82	Link	CADD-2022-01-153	N	43709
GCP Applied Technologies	767-01	Zyla 630	Link	CADD-2021-01-032	N	43864
GCP Applied Technologies	767-01	MIRA 110	Link	CADD-2021-01-161	N	43870
GCP Applied Technologies	767-01	ADVA 140M	Link	CADD-2021-01-100	N	43917
GCP Applied Technologies	767-01	ADVA Cast 600	Link	CADD-2021-01-098	N	43923
GCP Applied Technologies	767-01	MIRA 95 ⁵	Link	CADD-2022-01-026	N	43954

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵In NTPEP testing.

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Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Mapei	6354-02	Polychem 400NC (Mapeplast 400 NC)	Link	CADD-2021-01-042	N	43769
Mapei	6354-02	KB-1200 (Mapeplast KB-1200)	Link	CADD-2021-01-038	N	43922
Mapei	6354-02	Dynamon SX	Link	CADD-2021-01-037	N	43967
Master Builders Solutions US	1254-01	MasterPozzolith 80	Link	CADD-2020-01-070	N	43711
Master Builders Solutions US	1254-01	MasterPolyheed 997 ⁵	Link	CADD-2023-01-023	N	43755
Master Builders Solutions US	1254-01	MasterPolyheed 1720 ⁵	Link	CADD-2022-01-118	N	43837
Master Builders Solutions US	1254-01	MasterPolyheed 900	Link	CADD-2022-01-113	N	43912
Master Builders Solutions US	1254-01	MasterPozzolith 322	Link	CADD-2022-01-071	N	43753
Master Builders Solutions US	1254-01	MasterGlenium 7920	Link	CADD-2022-01-065	N	43947
Premiere Concrete Admixtures	6546-01	OptiFlo 50	Link	CADD-2022-01-046	N	43880
Premiere Concrete Admixtures	6546-01	OptiFlo 500 Type A	Link	CADD-2022-01-059	N	43881
Premiere Concrete Admixtures	6546-01	OptiFlo PLUS	Link	CADD-2022-01-043	N	43884
Premiere Concrete Admixtures	6546-01	OptiFlo MR	Link	CADD-2022-01-055	N	43885

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵In NTPEP testing.

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Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Premiere Concrete Admixtures	6546-01	OptiFlo 700	Link	CADD-2022-01-013	N	43941
Premiere Concrete Admixtures	6546-01	OptiFlo N2A ³	Link	See Type G Listing	N	43962
RussTech Admixtures, Inc.	3988-01	FinishEase-NC	Link	CADD-2020-01-051	N	43797
RussTech Admixtures, Inc.	3988-01	LC 400P	Link	CADD-2020-01-021	N	43774
RussTech Admixtures, Inc.	3988-01	Superflo 2000 RM	Link	CADD-2020-01-022	N	43803
RussTech Admixtures, Inc.	3988-01	Superflo 2040 RM	Link	CADD-2020-01-132	N	43872
RussTech Admixtures, Inc.	3988-01	Extendfo X90	Link	CADD-2020-01-017	N	43971
Sika Corporation	2231-01	Sika Plastocrete-161	Link	CADD-2020-01-120	N	43714
Sika Corporation	2231-01	ViscoCrete-2100	Link	CADD-2019-01-133 ²	N	43820
Sika Corporation	2231-01	Sikament-686	Link	CADD-2021-01-178	N	43827
Sika Corporation	2231-01	Sika ViscoCrete-1000	Link	CADD-2021-01-175	N	43925
Sika Corporation	2231-01	Sika ViscoFlow-2020	Link	CADD-2021-01-182	N	43974
Sika Corporation	2231-01	Sika Plastocrete-250	Link	CADD-2021-01-183	N	43975

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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TYPE B, RETARDING ADMIXTURES

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Euclid Chemical Company	614-01	Eucon Stasis	Link	CADD-2020-01-045	N	43949
GCP Applied Technologies	767-01	Recover ³	Link	See Type D Listing	N	43758
Mapei	6354-02	Polychem RENU	Link	CADD-2021-01-048	N	43936
Master Builders Solutions US	1254-01	MasterSet DELVO ³	Link	See Type D Listing	N	43757
Master Builders Solutions US	1254-01	MasterSet R 100 ³	Link	See Type D Listing	N	43719
Master Builders Solutions US	1254-01	MasterSet R 300 ³	Link	See Type D Listing	N	43916
Premiere Concrete Admixtures	6546-01	ProLong L	Link	CADD-2022-01-016	N	43961
RussTech Admixtures, Inc.	3988-01	LC-400R ³	Link	See Type D Listing	N	43762
RussTech Admixtures, Inc.	3988-01	LC-400P ³	Link	See Type D Listing	N	43774
Sika Corporation	2231-01	Sikatard-440 ³	Link	See Type D Listing	N	43924

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type.
⁴Technical data sheet link required.

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TYPE C, ACCELERATING ADMIXTURES

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
DarCole Products, Inc.	7217-01	DNS 166	Link	CADD-2021-01-013	N	43959
Euclid Chemical Company	614-01	Accelguard 80	Link	CADD-2021-01-138	N	43724
Euclid Chemical Company	614-01	Accelguard G3	Link	CADD-2020-01-036	N	43970
Euclid Chemical Company	614-01	Eucon CIA**	Link	CADD-2021-01-142	N	43853
GCP Applied Technologies	767-01	Polarset**	Link	CADD-2021-01-162	N	43764
GCP Applied Technologies	767-01	DCI** ⁵	Link	CADD-2022-01-154	N	43725
GCP Applied Technologies	767-01	Daraset 442	Link	CADD-2020-01-129	N	43927
Mapei	6354-02	Polychem Super Set (Mapefast Super Set) ⁵	Link	CADD-2023-01-063	N	43773
Mapei	6354-02	Polychem Super Set II (Mapefast Super Set II)	Link	CADD-2021-01-052	N	43979
Mapei	6354-02	Polychem Super Set Plus (Mapefast Super Set Plus)	Link	CADD-2021-01-051	N	43980
Master Builders Solutions US	1254-01	MasterSet AC 534	Link	CADD-2021-01-005	N	43776
Master Builders Solutions US	1254-01	MasterSet FP 20	Link	CADD-2021-01-072	N	43822
Master Builders Solutions US	1254-01	MasterLife CI 30**	Link	CADD-2021-01-066	N	43786

NOTES: ** Calcium Nitrite. ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵In NTPEP testing.

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TYPE C, ACCELERATING ADMIXTURES (Continued)

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Ozinga	1494-07	Oz-Set 2 ^{4,5}			Y	43946
Premiere Concrete Admixtures	6546-01	Impede CNI**	Link	CADD-2022-01-048	N	43964
RussTech Admixtures, Inc.	3988-01	LCNC-166 ³	Link	See Type E Listing	N	43761
RussTech Admixtures, Inc.	3988-01	RussTech RCI**	Link	CADD-2021-01-174	N	43798
Sika Corporation	2231-01	SikaRapid-1 ⁵	Link		Y	43793
Sika Corporation	2231-01	SikaSet NC-4 ³	Link	See Type E Listing	N	43935
Sika Corporation	2231-01	Sika CNI**	Link	CADD-2020-01-139	N	43805

NOTES: ** Calcium Nitrite. ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵No NTPEP testing.

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TYPE D, WATER REDUCING AND RETARDING ADMIXTURES

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Euclid Chemical Company	614-01	Eucon Retarder 100	Link	CADD-2019-01-017 ²	N	43783
Euclid Chemical Company	614-01	Eucon Stasis	Link	CADD-2020-01-044	N	43949
GCP Applied Technologies	767-01	Recover	Link	CADD-2021-01-165	N	43758
GCP Applied Technologies	767-01	Zyla 630	Link	CADD-2019-01-117 ²	N	43864
GCP Applied Technologies	767-01	WRDA-82	Link	CADD-2020-01-007	N	43709
Mapei	6354-02	Polychem R (Mapetard R)	Link	CADD-2021-01-043	N	43771
Master Builders Solutions US	1254-01	MasterSet DELVO	Link	CADD-2022-01-073	N	43757
Master Builders Solutions US	1254-01	MasterSet R 100	Link	CADD-2021-01-073	N	43719
Master Builders Solutions US	1254-01	MasterSet R 300	Link	CADD-2022-01-074	N	43916
Premiere Concrete Admixtures	6546-01	OptiFlo 500	Link	CADD-2022-01-058	N	43881
Premiere Concrete Admixtures	6546-01	OptiFlo 50	Link	CADD-2022-01-045	N	43880
Premiere Concrete Admixtures	6546-01	OptiFlo 100R	Link	CADD-2022-01-044	N	43886

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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TYPE D, WATER REDUCING AND RETARDING ADMIXTURES (Continued)

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
RussTech Admixtures, Inc.	3988-01	LC-400P	Link	CADD-2020-01-024	N	43774
RussTech Admixtures, Inc.	3988-01	LC-400R	Link	CADD-2020-01-048	N	43762
Sika Corporation	2231-01	Sika Plastiment	Link	CADD-2019-01-070 ²	N	43720
Sika Corporation	2231-01	Sika Plastocrete-250	Link	CADD-2021-01-184	N	43975
Sika Corporation	2231-01	Sika Plastiment XR	Link	CADD-2019-01-135 ²	N	43978
Sika Corporation	2231-01	Sikatard-440	Link	CADD-2021-01-157	N	43924

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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TYPE E, WATER REDUCING AND ACCELERATING ADMIXTURES

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Euclid Chemical Company	614-01	Accelguard 80	Link	CADD-2021-01-137	N	43724
Euclid Chemical Company	614-01	Accelguard 90	Link	CADD-2020-01-035	N	43852
Euclid Chemical Company	614-01	Accelguard G3	Link	CADD-2020-01-037	N	43970
Master Builders Solutions US	1254-01	MasterSet FP 20	Link	CADD-2021-01-072	N	43822
Premiere Concrete Admixtures	6546-01	NitroCast K	Link	CADD-2022-01-047	N	43882
Premiere Concrete Admixtures	6546-01	NitroCast NC ⁵	Link	CADD-2023-01-020	N	43963
RussTech Admixtures, Inc.	3988-01	LCNC-166	Link	CADD-2020-01-049	N	43761
Sika Corporation	2231-01	SikaSet NC-4	Link	CADD-2022-01-102	N	43935

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵In NTPEP testing.

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TYPE F, HIGH RANGE WATER REDUCING ADMIXTURES (SUPERPLASTICIZERS)

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Chyso, Inc.	6173-02	Chryso Quad 842	Link	CADD-2020-01-110	N	43983
DarCole Products, Inc.	7217-01	Superflo 1443SCC	Link	CADD-2021-01-008	N	43957
Euclid Chemical Company	614-01	Eucon 37	Link	CADD-2022-01-007	N	43740
Euclid Chemical Company	614-01	Eucon 1037 ⁵	Link	CADD-2022-01-141	N	43800
Euclid Chemical Company	614-01	Eucon MRX	Link	CADD-2019-01-128 ²	N	43875
Euclid Chemical Company	614-01	Plastol 6420	Link	CADD-2020-01-033	N	43914
Euclid Chemical Company	614-01	Plastol 6400	Link	CADD-2020-01-031	N	43950
Euclid Chemical Company	614-01	Plastol Ultra 209	Link	CADD-2022-01-136	N	43951
GCP Applied Technologies	767-01	Daracem 19 ⁵	Link	CADD-2023-01-039	N	43743
GCP Applied Technologies	767-01	ADVA Cast 575	Link	CADD-2022-01-024	N	43836
GCP Applied Technologies	767-01	ADVA Cast 600	Link	CADD-2021-01-095	N	43923
GCP Applied Technologies	767-01	ADVA Cast 593	Link	CADD-2020-01-013	N	43973
GCP Applied Technologies	767-01	ADVA Cast 555	Link	CADD-2022-01-029	N	43977
GCP Applied Technologies	767-01	MIRA 110	Link	CADD-2021-01-158	N	43870

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required. ⁵In NTPEP testing.

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TYPE F, HIGH RANGE WATER REDUCING ADMIXTURES (SUPERPLASTICIZERS) (Continued)

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Mapei	6354-02	Polychem SPC ⁴		CADD-2021-01-054	N	43933
Mapei	6354-02	PC-441 (Mapefluid 441)	Link	CADD-2021-01-059	N	43937
Mapei	6354-02	Dynamon SX	Link	CADD-2021-01-036	N	43967
Master Builders Solutions US	1254-01	MasterRheobuild 1000	Link	CADD-2022-01-123	N	43746
Master Builders Solutions US	1254-01	MasterGlenium 3400	Link	CADD-2020-01-073	N	43817
Master Builders Solutions US	1254-01	MasterGlenium 7500	Link	CADD-2022-01-112	N	43832
Master Builders Solutions US	1254-01	MasterGlenium 7511	Link	CADD-2022-01-062	N	43915
Master Builders Solutions US	1254-01	MasterGlenium 7920	Link	CADD-2022-01-066	N	43947
Master Builders Solutions US	1254-01	MasterPolyheed 1720	Link	CADD-2022-01-118	N	43837

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Premiere Concrete Admixtures	6546-01	UltraFlo 2000	Link	CADD-2022-01-020	N	43887
Premiere Concrete Admixtures	6546-01	UltraFlo DP	Link	CADD-2022-01-053	N	43890
Premiere Concrete Admixtures	6546-01	EcoFlo GREEN	Link	CADD-2022-01-050	N	43879
Premiere Concrete Admixtures	6546-01	OptiFlo MR ³	Link	See Type A Listing	N	43885
Premiere Concrete Admixtures	6546-01	UltraFlo 5600	Link	CADD-2022-01-017	N	43942
RussTech Admixtures, Inc.	3988-01	SuperFlo 2000 RM	Link	CADD-2020-01-025	N	43803
RussTech Admixtures, Inc.	3988-01	Superflo 2040 RM	Link	CADD-2020-01-133	N	43872
RussTech Admixtures, Inc.	3988-01	Superflo 443	Link	CADD-2019-01-026 ²	N	43982
Sika Corporation	2231-01	Viscocrete-2100	Link	CADD-2019-01-134 ²	N	43820
Sika Corporation	2231-01	Viscocrete-6100	Link	CADD-2021-01-176	N	43809
Sika Corporation	2231-01	Sikament-686	Link	CADD-2021-01-179	N	43827
Sika Corporation	2231-01	Sikament SPMN	Link	CADD-2022-01-039	N	43930
Sika Corporation	2231-01	ViscoCrete-4100	Link	CADD-2021-01-185	N	43833
Sika Corporation	2231-01	ViscoCrete-1000	Link	CADD-2020-01-104	N	43925

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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TYPE G, HIGH RANGE WATER REDUCING AND RETARDING ADMIXTURES (SUPERPLASTICIZERS)

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Premiere Concrete Admixtures	6546-01	OptiFlo N2A	Link	CADD-2022-01-019	N	43962

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type.
⁴Technical data sheet link required.

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TYPE F, ONE COMPONENT SELF-CONSOLIDATING ADMIXTURE SYSTEM

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Master Builders Solutions US	1254-01	MasterGlenium 3400	Link	See Type F (Super) Listing	N	43817
Master Builders Solutions US	1254-01	MasterGlenium 7511	Link	See Type F (Super) Listing	N	43915
Master Builders Solutions US	1254-01	MasterGlenium 7920	Link	See Type F (Super) Listing	N	43947
Euclid Chemical Company	614-01	Plastol Ultra 209	Link	See Type F (Super) Listing	N	43951
Euclid Chemical Company	614-01	Plastol 6400	Link	See Type F (Super) Listing	N	43950
GCP Applied Technologies	767-01	ADVA Cast 575	Link	See Type F (Super) Listing	N	43836
GCP Applied Technologies	767-01	ADVA Cast 600	Link	See Type F (Super) Listing	N	43923
Mapei	6354-02	Polychem SPC ⁴		See Type F (Super) Listing	N	43933
Premiere Concrete Admixtures	6546-01	UltraFlo DP	Link	See Type F (Super) Listing	N	43890
Premiere Concrete Admixtures	6546-01	UltraFlo 2000	Link	See Type F (Super) Listing	N	43887
RussTech Admixtures, Inc.	3988-01	Superflo 2000 RM	Link	See Type F (Super) Listing	N	43803

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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TYPE F, ONE COMPONENT SELF-CONSOLIDATING ADMIXTURE SYSTEM (Continued)

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Sika Corporation	2231-01	Viscocrete-2100	Link	See Type F (Super) Listing	N	43820
Sika Corporation	2231-01	Viscocrete- 6100	Link	See Type F (Super) Listing	N	43809
Sika Corporation	2231-01	Viscocrete-4100	Link	See Type F (Super) Listing	N	43833
Sika Corporation	2231-01	Sikament-686	Link	See Type F (Super) Listing	N	43827
Sika Corporation	2231-01	Sika ViscoCrete-1000	Link	See Type F (Super) Listing	N	43925
Sika Corporation	2231-01	Sikament SPMN	Link	See Type F (Super) Listing	N	43930

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type. ⁴Technical data sheet link required.

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TYPE F / TYPE S (VMA), TWO COMPONENT SELF-CONSOLIDATING ADMIXTURE SYSTEM

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
Euclid Chemical Company	614-01	Plastol Ultra 209	Link	See Type F (Super) Listing	N	43951
		Eucon AWA-P20	Link	CADD-2020-01-088	N	43976
Euclid Chemical Company	614-01	Plastol 6400	Link	See Type F (Super) Listing	N	43950
		Eucon AWA-P20	Link	CADD-2020-01-088	N	43976
GCP Applied Technologies	767-01	ADVA Cast 575	Link	See Type F (Super) Listing	N	43836
		V-MAR F100	Link	See Type S Listing	N	43968
GCP Applied Technologies	767-01	ADVA Cast 600	Link	See Type F (Super) Listing	N	43923
		V-MAR F100	Link	See Type S Listing	N	43968
Mapei	6354-02	Polychem SPC ⁴	Link	See Type F (Super) Listing	N	43933
		Polychem VMA (Mapecrete VMA) ⁵		CADD-2023-01-066	N	43966
Master Builders Solutions US	1254-01	MasterGlenium 3400	Link	See Type F (Super) Listing	N	43817
		MasterMatrix VMA 362 ⁵	Link	CADD-2023-01-028	N	43818
Master Builders Solutions US	1254-01	MasterGlenium 7511	Link	See Type F (Super) Listing	N	43915
		MasterMatrix VMA 362 ⁵	Link	CADD-2023-01-028	N	43818
Master Builders Solutions US	1254-01	MasterGlenium 7920	Link	See Type F (Super) Listing	N	43947
		MasterMatrix VMA 362 ⁵	Link	CADD-2023-01-028	N	43818
Sika Corporation	2231-01	Viscocrete-2100	Link	See Type F (Super) Listing	N	43820
		Sika Stabilizer-4R	Link	CADD-2019-01-025 ²	N	43969
Sika Corporation	2231-01	Viscocrete-6100	Link	See Type F (Super) Listing	N	43809
		Sika Stabilizer-4R	Link	CADD-2019-01-025 ²	N	43969
Sika Corporation	2231-01	Viscocrete-4100	Link	See Type F (Super) Listing	N	43833
		Sika Stabilizer-4R	Link	CADD-2019-01-025 ²	N	43969
Sika Corporation	2231-01	Sikament-686	Link	See Type F (Super) Listing	N	43827
		Sika Stabilizer-4R	Link	CADD-2019-01-025 ²	N	43969
Sika Corporation	2231-01	Sika Viscocrete-1000	Link	See Type F (Super) Listing	N	43925
		Sika Stabilizer-4R	Link	CADD-2019-01-025 ²	N	43969
Sika Corporation	2231-01	Sikament SPMN	Link	See Type F (Super) Listing	N	43930
		Sika Stabilizer-4R	Link	CADD-2019-01-025 ²	N	43969

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type.

⁴Technical data sheet link required. ⁵In NTPEP testing.

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TYPE S, RHEOLOGY-CONTROLLING ADMIXTURE

Company Name	Producer / Supplier Number	Brand Name	Technical Info and Dosage Range Link ¹	NTPEP Number And Link	Provisional (Y/N)	Material Code No.
GCP Applied Technologies	767-01	V-MAR F100	Link	CADD-2019-01-084 ²	N	43968
Master Builders Solutions US	1254-01	MasterMatrix 33 ⁵	Link	CADD-2023-01-026	N	43878
Master Builders Solutions US	1254-01	Master X-Seed 55	Link	CADD-2021-01-060	N	43965

NOTES: ¹Admixtures defined as more than one type are noted in Technical Information Links. ²Recertification overdue or near due. ³Admixture approved but tested as alternate Type.
⁴Technical data sheet link required. ⁵In NTPEP testing.

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Additional Information and Notes:

1. Numerous admixtures can be employed as one type (e.g. Type A), another type (e.g. Type F), or serve two functions at the same time (e.g. Type D). The Technical Data Sheet links provided in this Qualified Product List give detailed information on each approved admixture and whether a particular product can be used as either a Type A or a Type F or other another type. Generally, manufacturers will only be required to have an admixture tested to be of a particular type, but manufacturers shall request if a certain admixture is also desired to be listed as another type. Typically, a Type F can also be listed as a Type A, a Type D can also be listed as a Type B, a Type E can be listed as a Type C, and a Type G can be listed as a Type D. Other multiple listings include those for the sub-lists for Type F (i.e., Superplasticizers, Two Component SCC Systems, etc.).
2. Previous editions of this Qualified Product List contained an information section on Mid-Range Water Reducing Admixtures. The American Association of State Highway and Transportation Officials (AASHTO), American Society for Testing and Materials (ASTM), and the Department have no material specification for mid-range water reducing admixtures. However, according to the Department's "Portland Cement Concrete Level III Technician Course – Manual of Instructions for Design of Concrete Mixtures," a mid-range water reducing admixture is defined as a water reduction of 8 to 15 percent. There are a number of Department approved Type A and Type F admixtures that populate this Qualified Product List which are capable of providing a minimum 8 percent water reduction for the dosage range provided by the manufacturer. The Type F admixtures are generally capable of a water reduction approaching 15 percent. For more complete information, refer to a particular admixture's Technical Data Sheet.
3. This QPL is currently undergoing a transitional phase through the end of 2024.
 - a. The "Provisional" column in the QPL can currently have several meanings and when a product is listed as "Y", this typically requires an action by the Manufacturer. Examples include out-of-date AASHTO testing data, no AASHTO testing data, a product is currently "in-test", etc. If assistance or more information is required to rectify Provisional Status, please contact Ben Hodgson (Benjamin.Hodgson@illinois.gov) or Daniel Tobias (Daniel.Tobias@illinois.gov).
 - b. Limits on the number and/or types of admixtures a Manufacturer may submit for approval have been eliminated.
 - c. Manufacturers may submit new admixtures for approval and inclusion on the QPL beginning August 1, 2024.

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Submittal for Approval

A. Scope

The following guidelines are provided to clarify the submittal requirements for approving a concrete admixture according to Section 1021 of the Standard Specifications for Road and Bridge Construction.

B. Procedure

When submitting a new concrete admixture to the Department, the following shall be included in the certification:

- The specific product brand name and manufacturer,
- The type(s) of admixture (ASTM designation),
 - Notes:
 - Dual or multiple listings are permitted,
 - Generally, a Type F can also be a Type A, a Type D can also be a Type B, a Type E can also be a Type B, etc.,
- NTPEP Number (Admixture shall have completed Level 1 testing through the AASHTO Product Evaluation & Audit CADD Testing Program),
 - Notes:
 - Test data and other information in NTPEP Datamine shall be current (i.e., not more than 5 years old from date of submittal),
 - Infrared spectrophotometer trace (IR) of current production material is required to be accessible through NTPEP Datamine,
 - For AEA admixtures data after 28 days of testing will be sufficient for consideration of inclusion on the QPL,
 - For other admixture data after 6 months will be sufficient for consideration of inclusion on the QPL,
- A link to the Technical Data Sheet,
- A link to the NTPEP Number desired to be published on the QPL,
- Supplemental Safety Information, if requested by the Department,
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Acknowledgement by Company (Form BMPR 101). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the Acknowledgement by Company form with your product submittal.

The submittal information shall be sent to:

Benjamin Hodgson (Benjamin.Hodgson@illinois.gov)
Illinois Department of Transportation
Bureau of Materials
126 East Ash Street

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Springfield, IL 62704-4766

Prior to approval of an admixture, the Engineer reserves the right to request a sample for testing. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The test and reference concrete mixture shall contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

The manufacturer will be notified when the submittal review is complete. For questions regarding the approval process, contact Benjamin Hodgson at 217-557-3384.

C. Recertification

When recertifying a concrete admixture (i.e., after re-testing is completed by AASHTO), the following shall be submitted:

- The specific product brand name and manufacturer,
- The type(s) of admixture (ASTM designation),
 - Notes:
 - Dual or multiple listings are permitted,
 - Generally, a Type F can also be a Type A, a Type D can also be a Type B, a Type E can also be a Type B, etc.,
- Updated NTPEP Number (Admixture shall have re-completed Level 1 testing through the AASHTO Product Evaluation & Audit CADD Testing Program),
 - Notes:
 - Test data and other information in NTPEP Datamine shall be current (i.e. not more than 5 years old from date of submittal and normally from the calendar year of recertification),
 - Infrared spectrophotometer trace (IR) of current production material is required to be accessible through NTPEP Datamine,
- A link to the Technical Data Sheet,
- A link to the updated NTPEP Number desired to be published on the QPL,
- Supplemental Safety Information, if requested by the Department.

Note: Previously, the Department mailed recertification reminder letters each year. This practice was phased out in 2024. It is the Manufacturer's responsibility to remain current and up-to-date in NTPEP Datamine and to submit recertification information.

D. Quality Assurance

A sample may be requested by the Concrete Lab or obtained in the field at any time for Quality Assurance purposes according to Article 1021. For these instances, Supplemental Safety Information shall be provided to the Department.