

2018

Approved Products List (APL)

**Prepared by
State of Vermont
Agency of Transportation**

**Construction & Materials Bureau
Materials Testing & Certifications Section**

11-May-18

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**Vermont Agency of Transportation
Material Testing & Certifications Section**

Date printed: 5/11/2018

Approved products listing

Material Spec. No.: 514.02, Water Repellent, Silane

Product	Manufacturer	Distributor	Comments
Ghostshield Siloxa-Tek 8500	Kretetek Industries, LLC 1000 N West St. Wilmington, DE 19801 Tel: (855) 573-8383 FAX:	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
MasterProtect H 1000	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Formerly Hydrozo 100.
MasterProtect H 440 HZ	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Hydrozo Silane 40 VOC and Masterseal SL 40.
Penseal 244-40% Aim	Vexcon Chemicals, Inc. 7240 State Rd Philadelphia, PA 19135 Tel: (215) 332-7709 FAX: (215) 332-9997	A.H. Harris 367 Alumni Rd. Newington, CT 06111 Tel: 860 665-9444 FAX: N/A	
Protectosil BH-N	Evonik Corporation 299 Jefferson Road Piscataway, NJ 07054 Tel: (732) 981-5462 FAX: (732) 981-5275	Sivento 379 Interpace Parkway Parippany, NJ 07054 Tel: 800 828-0919 FAX: 973-541-8503	Also known as Dynasytan BH-N

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

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Approved products listing

Material Spec. No.: 514.02, Water Repellent, Silane

Product	Manufacturer	Distributor	Comments
Protectosil Chem-Trete 40 VOC	Evonik Corporation 299 Jefferson Road Piscataway, NJ 07054 Tel: (732) 981-5462 FAX: (732) 981-5275	Sivento 379 Interpace Parkway Parippany, NJ 07054 Tel: 800 828-0919 FAX: 973-541-8503	
Protectosil CIT	Evonik Corporation 299 Jefferson Road Piscataway, NJ 07054 Tel: (732) 981-5462 FAX: (732) 981-5275	Sivento 379 Interpace Parkway Parippany, NJ 07054 Tel: 800 828-0919 FAX: 973-541-8503	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
SIL-ACT ATS-100	Advanced Chemical Technologies 9608 N. Robinson Ave. Oklahoma City, OK 73116 Tel: (405) 843-2585 FAX: (405) 843-2596	Advanced Chemical Tech. 100 W. Wilshire Blvd. Oklahoma City, OK 73116 Tel: 405 843-2585 FAX: N/A	
SIL-ACT ATS-42A	Advanced Chemical Technologies 9608 N. Robinson Ave. Oklahoma City, OK 73116 Tel: (405) 843-2585 FAX: (405) 843-2596	White Cap Contru. Supply 232 Frontage Manchester, NH 03103 Tel: 603-263-7337 FAX: N/A	
Sure Klean Weather Seal SL-100	PROSOCO, Inc. 3741 Greenway Circle Lawrence, KS 66046 Tel: (800) 255-4255 FAX: (800) 877-2700	Barker Steel Co. Inc. US RT. 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: (603)632-6066	

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Approved products listing

Material Spec. No.: 514.02, Water Repellent, Silane

Product	Manufacturer	Distributor	Comments
Test Product	Test Company One National Life Drive Montpelier, VT 05633 Tel: (555) 555-5555 FAX:	None Tel: N/A FAX: N/A	
Weather Worker J-29WB	Dayton Superior Corporation 1125 Byers Road Miamisburg, OH 45342 Tel: (937) 866-0711 FAX: (913) 847-8473	Barker Steel Co. Inc. US RT. 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: (603)632-6066	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Approved products listing

Material Spec. No.: 519.02, Sheet Membrane Waterproofing, Torch Applied

Product	Manufacturer	Distributor	Comments
Flam Anti-Rock	Soprema, Inc. 310 Quadral Drive Wadsworth, OH 44281 Tel: (800) 356-3521 FAX: (330) 334-4289	Quinn-Brown Associates 3 Green Street Norway, ME 04268 Tel: 207-742-8885 FAX: 207-743-0598	Required laydown temperature of HMA is 290-310 degrees F. For decks greater than 750 sq feet in area the only authorized method of application is the machine method. Lancing to remove trapped air or steam at the time of placement shall be completed in accordance with the manufacturer's instructions.
The Dri-Span System	Dek-Shield, LLC 91 Brown Avenue North Providence, RI 02911 Tel: (401) 405-7310 FAX:	None Tel: N/A FAX: N/A	Manufacturer's representatives must be present during the installation of The Dri-Span System in order to meet the specification requirements.

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Material Spec. No.: 520.10, Membrane Waterproofing, Spray Applied

Product	Manufacturer	Distributor	Comments
Bridge Deck Membrane (BDM)	Bridge Preservation, LLC 686 South Adams St Kansas City, KS 66105 Tel: (913) 912-3305 FAX: (913) 321-9007	RJ Watson 78 John Glenn Drive Amherst, NY 14228 Tel: 716-691-3301 FAX: N/A	Please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Eliminator	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	None Tel: N/A FAX: N/A	Please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Polyflex Bridge Deck System	Wasser Coatings, Inc. 4118 B PL NW, #8 Auburn, WA 98001 Tel: 800-627-2968 FAX:	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Approved products listing

Material Spec. No.: 621.09(a), Manufactured Terminal Section, Tangent

Product	Manufacturer	Distributor	Comments
MSKT	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	Gregory Highway Products 4100 13th Street, SW Canton, OH 44710 Tel: 3304774800 FAX: N/A	
MSKT	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	RG Steel Corporation 8301 Mercer, Box 356 Pulaski, PA 16143 Tel: (724) 656-1725 FAX: N/A	
MSKT	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	Univ. Indust. Sales 433 North 1030 West Lindon, UT 84042 Tel: (800) 424-9825 FAX: N/A	
SoftStop System	Trinity Highway Products, LLC 3617 Cincinnati Avenue Rocklin, CA 95765 Tel: (916) 644-9102 FAX: (330) 545-0538	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 621.09(b), Manufactured Terminal Section, Flared

Product	Manufacturer	Distributor	Comments
SRT M10	Trinity Highway Products, LLC 3617 Cincinnati Avenue Rocklin, CA 95765 Tel: (916) 644-9102 FAX: (330) 545-0538	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 621.11, Delineation

Product	Manufacturer	Distributor	Comments
3M Linear Delineation System Series 340	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	
A-Shape Highway Traffic Reflector	Irwin Hodson Company 2838 SE 9th Avenue Portland, OR 97202 Tel: (503) 231-9990 FAX: (503) 239-5304	None Tel: N/A FAX: N/A	
Barrier Traffic Reflector	Irwin Hodson Company 2838 SE 9th Avenue Portland, OR 97202 Tel: (503) 231-9990 FAX: (503) 239-5304	Irwin Hodson Company 2838 SE 9th Avenue Portland, OR 97202 Tel: 503-419-4624 FAX: 503-239-5304	

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Approved products listing

Material Spec. No.: 707.03, Mortar, Type IV

Product	Manufacturer	Distributor	Comments
Ambex Anchoring Capsules	Ambex Concrete Tech. Inc. 1522 Blvd des Laurentides Laval, PQ H7M 2N7 Tel: (888) 351-7585 FAX: (450) 662-9013	Ambex Concrete Technologi 1522 Blvd.Des Laurentides Laval, PQ H7M2N7 Tel: 888-351-7585 FAX: 450-662-9013	Allowed to be used in all applications as per manufacturers recommendation. Not suitable for prolonged tension without specific project approval.
Duracrete II	Kaufman Products, Inc. 3811 Curtis Ave Baltimore, MD 21226 Tel: (410) 354-8600 FAX:	None Tel: N/A FAX: N/A	
Five Star Grout	Five Star Products, Inc. 60 Parrott Drive Shelton, CT 06484-4733 Tel: (800) 336-7908 FAX: (203) 336-7930	Barker Steel Co. Inc. US RT. 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: (603)632-6066	Not suitable for prolonged tension without specific project approval.
Intraplast-N	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Not suitable for prolonged tension without specific project approval.
MasterFlow 100	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	Trowel Trades 71 Troy Avenue Colchester, VT 05446 Tel: (802)655-3166 FAX: N/A	Not suitable for prolonged tension without specific project approval. Formerly MBT Construction Grout.

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Approved products listing

Material Spec. No.: 707.03, Mortar, Type IV

Product	Manufacturer	Distributor	Comments
MasterFlow 713	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Not suitable for prolonged tension without specific project approval. Formerly MBT Masterflow 713 Plus.
NC Grout	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	Carroll Concrete & Supply 244 Granger Rd. Barre, VT 05641 Tel: 802-299-2400 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
SC Multipurpose Grout	SpecChem, LLC 1511 Baltimore Ave S 600 Kansas City, MO 64108 Tel: (816) 968-5600 FAX: (816) 561-4029	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Sika Grout 212	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Not suitable for prolonged tension without specific project approval.
Sika MonoTop 611	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Not suitable for prolonged tension without specific project approval.

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Approved products listing

Material Spec. No.: 707.03, Mortar, Type IV

Product	Manufacturer	Distributor	Comments
SikaTop 122 Plus	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Not suitable for prolonged tension without specific project approval.
Sure Grip High Performance Grout	Dayton Superior Corporation 1125 Byers Road Miamisburg, OH 45342 Tel: (937) 866-0711 FAX: (913) 847-8473	Barker Steel Co. Inc. US Rte 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: 603-632-6066	Not suitable for prolonged tension without specific project approval.
Suregrout 106	Kaufman Products, Inc. 3811 Curtis Ave Baltimore, MD 21226 Tel: (410) 354-8600 FAX:	None Tel: N/A FAX: N/A	Not suitable for prolonged tension without specific project approval.

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Approved products listing

Material Spec. No.: 707.15, Asphaltic Plug Bridge Joint

Product	Manufacturer	Distributor	Comments
6297 Asphalt Plug Bridge Joint System	Right Pointe Co. 234 Harvestore Drive Dekalb, IL 60115 Tel: (888) 755-5700 FAX: (815) 754-5702	None Tel: N/A FAX: N/A	
Matrix 501	Crafco, Inc. 6165 W. Detroit St. Chandler, AZ 85226 Tel: (800) 528-8242 FAX: (480) 961-0513	Crafco, Inc. 197 Bean Hill Rd. Belmont, NH 03220 Tel: 603-387-8430 FAX: 603-267-6359	
Thorma Joint	Dynamic Surface App. Ltd. 373 Village Road Pennsdale, PA 17756 Tel: (800) 491-5663 FAX: (888) 600-0036	Nicom Coatings Corp. Granger Road Berlin, VT 05641 Tel: 229-5261 FAX: N/A	
Wabo Expandex	Watson Bowman Acme 95 Pineview Drive Amherst, NY 14228 Tel: (716) 691-7566 FAX: (716) 691-9239	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.05(b), Insecticide/Fungicide

Product	Manufacturer	Distributor	Comments
Bora-Care	Nisus Corp 100 Nisus Dr. Rockford, TN 37853 Tel: (865) 577-6119 FAX: (865) 577-5825	Univar 155-C New Boston St. Woburn, MA 01801 Tel: 7819393150 FAX: N/A	
Shell-Guard	Perma-Chink Systems, Inc 1605 Prosser Rd Knoxville, TN 37914 Tel: (800) 548-3554 FAX: (865) 523-9475	Perma-Chink Systems, Inc. 17635 NE 67th Ct. Redmond, WA 98052 Tel: N/A FAX: N/A	
Tim-bor	Nisus Corp 100 Nisus Dr. Rockford, TN 37853 Tel: (865) 577-6119 FAX: (865) 577-5825	Essco Distributors of CT 282 Quarry Road, Unit J Milford, CT 06460 Tel: 203-876-0666 FAX: N/A	Product was initially used in Townshend STP SCTT(1). Environmental hazards: The product is of low toxicity to humans, mammals and birds, but is dangerous to fish and other aquatic animals. Contractor should emphasize the requirement for spill protection when working over or near streams or other bodies of water.

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Approved products listing

Material Spec. No.: 708.05(c), Fire Retardant

Product	Manufacturer	Distributor	Comments
Andek Firegard Fire Retardant Paint	Andek Corporation 850 Glen Ave, PO Box 392 Moorestown, NJ 08057-039 Tel: (856) 786-6900 FAX: (856) 786-0580	Crestline Industries 11436-B Cronridge Drive Owings Mills, MD 21117 Tel: 4107642444 FAX: N/A	
Andek Polaprime 2 Primer	Andek Corporation 850 Glen Ave, PO Box 392 Moorestown, NJ 08057-039 Tel: (856) 786-6900 FAX: (856) 786-0580	Crestline Industries 11436-B Cronridge Drive Owings Mills, MD 21117 Tel: 4107642444 FAX: N/A	
Andek Polaseal E.F.M Fire Retardant/Sealer (Clear)	Andek Corporation 850 Glen Ave, PO Box 392 Moorestown, NJ 08057-039 Tel: (856) 786-6900 FAX: (856) 786-0580	Crestline Industries 11436-B Cronridge Drive Owings Mills, MD 21117 Tel: 4107642444 FAX: N/A	
Nochar Fire Preventor (NFP) Penetrant (Clear)	Nochar, Inc. 8650 Commerce Park Indianapolis, IN 46268 Tel: (317) 613-3046 FAX: (317) 613-3052	Crestline Industries 11436-B Cronridge Drive Owings Mills, MD 21117 Tel: 4107642444 FAX: N/A	

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Approved products listing

Material Spec. No.: 708.08(a), Polyurea Pavement Markings

Product	Manufacturer	Distributor	Comments
6180 MFUA-12 White Polyurea Two Component Pavement	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	Two part polyurea.
6185 MFUA-12 Catalyst	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	
6186 MFUA-12 Yellow Polyurea Two Component Pavement	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	Two component polyurea.
HPS-5 Polyurea White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Two part polyurea.
HPS-5 Polyurea Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Two part polyurea.

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Material Spec. No.: 708.08(a), Polyurea Pavement Markings

Product	Manufacturer	Distributor	Comments
LPM Series 5000	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	Two part polyurea. 5000 White and 5001 Yellow
LS-90	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: (856) 667-8399 FAX: (856) 779-2963	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: 800-822-6920 FAX: N/A	

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Material Spec. No.: 708.08(c), Epoxy Paint

Product	Manufacturer	Distributor	Comments
1180 White Epoxy	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	
1186 Yellow Epoxy	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	
3180 MFUA-10 White Modified Polyacrylate	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	
3185 MFUA-10 Catalyst	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	
3186 MFUA-10 Yellow Modified Polyacrylate	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.08(c), Epoxy Paint

Product	Manufacturer	Distributor	Comments
HPS-3 Epoxy White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	
HPS-3 Epoxy Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	
LS 65	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: (856) 667-8399 FAX: (856) 779-2963	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: 800-822-6920 FAX: N/A	
LS 65qs	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: (856) 667-8399 FAX: (856) 779-2963	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: 800-822-6920 FAX: N/A	
LS-50	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: (856) 667-8399 FAX: (856) 779-2963	Epoplex 1000 East Park Avenue Maple Shade, NJ 08052 Tel: 800-822-6920 FAX: N/A	

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Vermont Agency of Transportation
Material Testing & Certifications Section

Date printed: 5/11/2018

Approved products listing

Material Spec. No.: 708.08(c), Epoxy Paint

Product	Manufacturer	Distributor	Comments
TM8212 Hotline White Epoxy Pavement Marking Paint	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	
TM8215 Hotline Yellow Epoxy Pavement Marking Paint	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.08(e), Methyl-methacrylate Paint

Product	Manufacturer	Distributor	Comments
5030 White Swarcoplast Structured MMA	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (c) Structured Markings.
5036 Yellow Swarcoplast Structured MMA	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (c) Structured Markings.
5070 White Swarcoplast Flat MMA	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (b) Extruded Markings.
5076 Yellow Swarcoplast Flat MMA	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (b) Extruded Markings.
5090 White Swarcoplast Thin Film MMA	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.

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Approved products listing

Material Spec. No.: 708.08(e), Methyl-methacrylate Paint

Product	Manufacturer	Distributor	Comments
5096 Yellow Swarcoplast Thin Film MMA	Swarco/Colorado Paint Co 4747 Holly Street Denver, CO 80216 Tel: (303) 388-9265 FAX: (303) 388-0881	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.
6002W982A White Thin Film Spray MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.
6003Y982A Yellow Thin Film Spray MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.
6003Y982A Yellow Thin Film Spray MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.
7002W982A White Extrude MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (b) Extruded Markings.

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Approved products listing

Material Spec. No.: 708.08(e), Methyl-methacrylate Paint

Product	Manufacturer	Distributor	Comments
7003Y982A Yellow Extrude MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (b) Extruded Markings.
9000W982A White Texture MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (c) Structured Markings.
9001Y982A Yellow Texture MMA Pavement Marking	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (c) Structured Markings.
HPS-6 Extrude MMA White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (b) Extruded Markings.
HPS-6 Extrude MMA Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (b) Extruded Markings.

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Approved products listing

Material Spec. No.: 708.08(e), Methyl-methacrylate Paint

Product	Manufacturer	Distributor	Comments
HPS-6 Spray MMA White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.
HPS-6 Spray MMA Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (a) Spray Applied Markings.
HPS-7 Structured MMA White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (c) Structured Markings.
HPS-7 Structured MMA Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	To be used in conjunction with 646.07 (1) - (c) Structured Markings.

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Approved products listing

Material Spec. No.: 708.09(b), Premium Optics

Product	Manufacturer	Distributor	Comments
3M Dry Elements	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	Optic Drop-On Rate: For all durable marking types: Pounds per 4 inch linear foot: 0.022 lbs. Pounds per mile, 4 inch width: 116.4 lbs. Grams per 4 inch linear foot: 10 grams per 4 inch linear foot. If you have questions, please contact Matt Marsolais at 518 410 1648.
Duralux Glass Beads	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Optic Drop On Rate: 10 lbs/gallon.
Megalux Glass Beads	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Optic Drop On Rate: 12 lbs/gallon.
Plus 9 Beads	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Optic drop on rate: 12 lbs/gallon.

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Approved products listing

Material Spec. No.: 708.09(b), Premium Optics

Product	Manufacturer	Distributor	Comments
Ultra 1.9	Potters Industries, LLC. PO Box 841 Valley Forge, PA 19482 Tel: (610) 651-4732 FAX: (610) 408-9723	None Tel: N/A FAX: N/A	Optic Drop-On Rates: For markings applied at 18-22 mil thicknesses in single drop applications, Ultra 1.9 shall be applied at the rate of 15lbs/100 sq. ft. Structured MMA may require 10-15 lbs/100 sq. ft. For markings applied at 18-22 mil thicknesses in double drop applications, Ultra 1.9 shall be applied at the rate of 8 lbs/100 sq. ft. If you have questions please contact Chris Davies at 610-651-4660.
Utah Blend Beads	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Optic Drop On Rate: Please contact John Giordano at 973-751-3697.
Visibead	Potters Industries, LLC. PO Box 841 Valley Forge, PA 19482 Tel: (610) 651-4732 FAX: (610) 408-9723	None Tel: N/A FAX: N/A	Optic Drop On Rate: Please contact Chris Davies at 610-651-4660. Name change in 2016, formally Visibead Plus II.
VisiLok	Potters Industries, LLC. PO Box 841 Valley Forge, PA 19482 Tel: (610) 651-4732 FAX: (610) 408-9723	None Tel: N/A FAX: N/A	Drying agent. To be used in waterborne paint only. Please contact the Research Section at 802-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 708.09(c), Wet Recoverable and Wet Reflective Optics

Product	Manufacturer	Distributor	Comments
3M All Weather Elements	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	Wet Recoverable and Wet Reflective Optics. Optic Drop-On Rate: Pounds per 4 inch linear foot: 0.022 lbs. Pounds per mile, 4 inch width: 116.4 lbs. Grams per 4 inch linear foot: 10 grams per 4 inch linear foot. If you have questions, please contact Matt Marsolais at 518 410 1648.
Plus 9 Spots	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Optic drop on rate: 4 lbs/gallon.
Visimax	Potters Industries, LLC. PO Box 841 Valley Forge, PA 19482 Tel: (610) 651-4732 FAX: (610) 408-9723	None Tel: N/A FAX: N/A	Wet Recoverable Optics, Optic Drop-On Rates: For markings applied at 22-26 mil thicknesses in single drop applications, Visimax shall be applied at the rate of 12 lbs/100 sq. ft. for epoxy, polyurea, structured MMA, extruded MMA, and spray applied MMA. For thermoplastic markings, Visimax shall be applied at 8 lbs/100 sq. ft. For markings applied at 22-26 mil thicknesses in double drop applications, Visimax shall be applied at the rate of 8 lbs/100 sq. ft. for epoxy, polyurea, structured MMA, extruded MMA, and spray applied MMA. For thermoplastic markings, Visimax shall be applied at 4 lbs/100 sq. ft. If you have questions please contact Chris Davies at 610-651-4660.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 708.10(a), Thermoplastic Pavement Markings, Type A

Product	Manufacturer	Distributor	Comments
19% Melt Down Thermoplastic	Franklin Paint Company Inc 259 Cottage St. Franklin, MA 02038 Tel: (800) 486-0304 FAX: (508) 528-8152	None Tel: N/A FAX: N/A	
22% Melt Down Thermoplastic	Franklin Paint Company Inc 259 Cottage St. Franklin, MA 02038 Tel: (800) 486-0304 FAX: (508) 528-8152	None Tel: N/A FAX: N/A	
3M All Weather Thermoplastic	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	
Catatherm 308 Alkyd Thermo White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.
Catatherm 308 Alkyd Thermo Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.

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Approved products listing

Material Spec. No.: 708.10(a), Thermoplastic Pavement Markings, Type A

Product	Manufacturer	Distributor	Comments
Catatherm Hydro Thermoplastic White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Catatherm Hydro Thermoplastic Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Ecotherm Yellow Alkyd Thermoplastic	Crown Technology, LLC PO Box 789 Woodbury, GA 30293 Tel: (706) 553-9500 FAX: (706) 553-9501	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.
Ecotherm Yellow Hydrocarbon Thermoplastic	Crown Technology, LLC PO Box 789 Woodbury, GA 30293 Tel: (706) 553-9500 FAX: (706) 553-9501	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Pavemark Alkyd Thermoplastic White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.

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Approved products listing

Material Spec. No.: 708.10(a), Thermoplastic Pavement Markings, Type A

Product	Manufacturer	Distributor	Comments
Pavemark Alkyd Thermoplastic Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.
Smart Mark Alkyd W1X3536	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.
Smart Mark Alkyd Y1X3506	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.
Smart Mark W2X3536	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Smart Mark Y2X3506	The Sherwin-Williams Company 101 Prospect Ave NW 720 Cleveland, OH 44115 Tel: (800) 597-2929 FAX: (216) 774-1875	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.

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Approved products listing

Material Spec. No.: 708.10(a), Thermoplastic Pavement Markings, Type A

Product	Manufacturer	Distributor	Comments
Stud-Gard SG-70 Thermoplastic White	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Stud-Gard SG-70 Thermoplastic Yellow	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Swarcotherm with Alkyd Binder	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Alkyd binders for thermoplastic are recommended for urban and high traffic locations.
Swarcotherm with Hydrocarbon Binder	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.
Tuffline White Alkyd Thermoplastic	Crown Technology, LLC PO Box 789 Woodbury, GA 30293 Tel: (706) 553-9500 FAX: (706) 553-9501	None Tel: N/A FAX: N/A	Alkyd binders are generally recommended for urban and high traffic locations.

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Approved products listing

Material Spec. No.: 708.10(a), Thermoplastic Pavement Markings, Type A

Product	Manufacturer	Distributor	Comments
Tuffline White Hydrocarbon Thermoplastic	Crown Technology, LLC PO Box 789 Woodbury, GA 30293 Tel: (706) 553-9500 FAX: (706) 553-9501	None Tel: N/A FAX: N/A	Hydrocarbon binders for thermoplastic are recommended for long-line, skip lines, and edge-line locations with non-stationary traffic.

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Approved products listing

Material Spec. No.: 708.10(b), Thermoplastic Pavement Markings, Type B

Product	Manufacturer	Distributor	Comments
Preformed Thermoplastic White	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	For use as letters and symbols. For use in 90 mil or 125 mil applications.
Premark	Ennis-Flint, Inc. 4161 Piedmont Parkway, Su Greensboro, NC 27410 Tel: (800) 331-8118 FAX:	None Tel: N/A FAX: N/A	For use as letters and symbols.

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Approved products listing

Material Spec. No.: 708.12(a), Permanent Pavement Marking Tape, Type A

Product	Manufacturer	Distributor	Comments
3M Stamark High Performance Tape Series 380 AW	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	380 AW White & 381 AW Yellow
3M Stamark High Performance Tape Series 380 IES	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	Originally approved as "3M Stamark High Performance Tape Series 380 and 381" 380 IES White 381IES Yellow
ATM 400 Extended Grade Tape	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: 252-536-2574 FAX: N/A	Use restricted to well-lit areas, including intersections.
Brite-Line 1000, Non-Removable Pavement Marking Tape	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	
Deltaline XRP Profiled Tape	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	Both White and Yellow

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Approved products listing

Material Spec. No.: 708.12(a), Permanent Pavement Marking Tape, Type A

Product	Manufacturer	Distributor	Comments
Director 60 HPT	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.12(b), Permanent Pavement Marking Tape, Type B

Product	Manufacturer	Distributor	Comments
3M Stamark High Performance Tape Series 380 AW	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	380 AW White & 381 AW Yellow
3M Stamark High Performance Tape Series 380 IES	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	380 IES White & 381 IES Yellow
3M Stamark Pavement Marking Tape Series 270 ES	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	
ATM 300 Durable Grade Tape	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	None Tel: N/A FAX: N/A	Use restricted to well-lit areas, including intersections.
ATM 400 Extended Grade Tape	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.12(b), Permanent Pavement Marking Tape, Type B

Product	Manufacturer	Distributor	Comments
Brite-Line 1000, Non-Removable Pavement Marking Tape	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	Both White and Yellow
Deltaline XRP Profiled Tape	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	Both White and Yellow
Director 60	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	
Director 60 HPT	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 708.12(c), Permanent Pavement Marking Tape, Type C

Product	Manufacturer	Distributor	Comments
Deltaline HDX	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	For use as intersection markings only. Both White and Yellow

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Approved products listing

Material Spec. No.: 708.12(d), Permanent Pavement Marking Tape, Type D

Product	Manufacturer	Distributor	Comments
3M Stamark High Performance Tape Series 380 AW	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	380 AW White & 381 AW Yellow
3M Stamark High Performance Tape Series 380 IES	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	380 IES White & 381 IES Yellow
3M Stamark Pavement Marking Tape Series 270 ES	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	
ATM 300 Durable Grade Tape	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	None Tel: N/A FAX: N/A	
ATM 400 Extended Grade Tape	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.12(d), Permanent Pavement Marking Tape, Type D

Product	Manufacturer	Distributor	Comments
Brite-Line 1000, Non-Removable Pavement Marking Tape	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	Both White and Yellow
Deltaline HDX	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	For use as intersection markings only. Both White and Yellow
Deltaline XRP Profiled Tape	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	Both White and Yellow
Director 60	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	
Director 60 HPT	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.13(a), Line Striping Targets

Product	Manufacturer	Distributor	Comments
APEX Model 932 Chip Seal/Overlay Markers	APEX Universal, Inc. 11033 Forest Pl Santa Fe Springs, CA 90670 Tel: (562) 944-8878 FAX: (562)944-2298	None Tel: N/A FAX: N/A	
Davidson TOM Type W-1 WZ	PEXCO, LLC 3110 70th Ave East Tacoma, WA 98424 Tel: (877) 335-4635 FAX: (253) 284-8080	None Tel: N/A FAX: N/A	
Davidson TOM Type Y-2 WZ	PEXCO, LLC 3110 70th Ave East Tacoma, WA 98424 Tel: (877) 335-4635 FAX: (253) 284-8080	None Tel: N/A FAX: N/A	
TSP 150	TSP Plastics 302 Burns Lane Winter Haven, FL 33884 Tel: (863) 324-1661 FAX:	Sherry Sakko 302 Burns Lane Winter Haven, FL 33884 Tel: (863)324-1661 FAX: N/A	

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 708.13(b), Raised Pavement Markers, Type II

Product	Manufacturer	Distributor	Comments
Halftrack	PEXCO, LLC 3110 70th Ave East Tacoma, WA 98424 Tel: (877) 335-4635 FAX: (253) 284-8080	None Tel: N/A FAX: N/A	
RPM	PEXCO, LLC 3110 70th Ave East Tacoma, WA 98424 Tel: (877) 335-4635 FAX: (253) 284-8080	None Tel: N/A FAX: N/A	

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 708.13(c), Temporary Pavement Marking Tape

Product	Manufacturer	Distributor	Comments
3M Stamark Wet Reflective Removable Tape Series 710	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	710 White & 711 Yellow
ATM 200 Construction Removable Grade Tape	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: 252-536-2574 FAX: N/A	Recommended for projects up to one year.
Brite-Line Removable 100	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	
Deltaline TWR	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	
Director 2 Removable Marking Tape	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 708.13(c), Temporary Pavement Marking Tape

Product	Manufacturer	Distributor	Comments
Flex-O-Line 200 - Foilback	Fol Tape, LLC 2025 Hitzert Ct Fenton, MO 63026 Tel: (888) 365-8273 FAX: (636) 343-1814	None Tel: N/A FAX: N/A	
Flex-O-Line 300 - Foilback	Fol Tape, LLC 2025 Hitzert Ct Fenton, MO 63026 Tel: (888) 365-8273 FAX: (636) 343-1814	None Tel: N/A FAX: N/A	
Visa-Line Construction Grade - Foilback	Swarco Industries, Inc. 270 Rutherford Lane Columbia, TN 38401 Tel: (931) 388-5900 FAX: (931) 388-4039	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 708.13(d), Pavement Marking Mask

Product	Manufacturer	Distributor	Comments
3M Stamark Removable Black Line Mask 715	3M 3M Ctr Bldg 235-3W-52 St. Paul, MN 55144 Tel: (651) 733-2419 FAX: (651) 575-3055	None Tel: N/A FAX: N/A	
ATM 280 Hide-A-Line	Advance Traffic Markings PO Box H Roanoke Rapids, NC 27870 Tel: (252) 536-2574 FAX: (252) 536-4940	None Tel: N/A FAX: N/A	
Deltaline BTR	Brite-Line Technologies, LLC 10660 East 51st Ave Denver, CO 80132 Tel: (303) 375-1293 FAX: (303) 375-8557	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 710.03, Corrugated Polyethylene Pipe

Product	Manufacturer	Distributor	Comments
Eagle Corr PE	JM Eagle 5200 W. Century Blvd 10th Los Angeles, CA 90045 Tel: (310) 693-8200 FAX: (310) 693-8230	None Tel: N/A FAX: N/A	
HDPE Pipe	Lane Enterprises, Inc. 34 Strohm Rd. Shippensburg, PA 17257 Tel: (717) 532-5959 FAX: (717) 532-7997	Lane Enterprises, Inc 34 Strohm Rd. Shippensburg, PA 17257 Tel: 717 532-5959 FAX: 717 532-7997	
HDPE Pipe	Soleno, Inc. 1160 Rte. 133 CP 837 StJean sur Richelieu, QC J2 Tel: (450) 347-7855 FAX: (450) 347-7311	Soleno, Inc 1160 Route 133 Saint-Jean-Sur-Riche, QUE Tel: 450 347-7855 FAX: 450 347-7311	
HDPE Pipe	Soleno, Inc. 64 Northlane Road McAdam, NB E0H1K0 Tel: (450) 347-7855 FAX: (506) 784-1890	Soleno, Inc 1160 Route 133 Saint-Jean-Sur-Riche, QUE Tel: 450 347-7855 FAX: 450 347-7311	
HDPE Pipe	Lane Enterprises, Inc. PO Box 1352 Wytheville, VA 24382 Tel: (717) 532-5959 FAX: (717) 532-7997	Lane Enterprises, Inc. 510 Kents Lane Wytheville, VA 24382 Tel: 2762231051 FAX: N/A	

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Approved products listing

Material Spec. No.: 710.03, Corrugated Polyethylene Pipe

Product	Manufacturer	Distributor	Comments
HDPE Pipe	ADS/Hancor 30 Precision Drive N Springfield, VT 05150 Tel: (614) 658-0126 FAX:	ADS/Hancor-N Springfield 30 Precision Drive North Springfield, VT 0515 Tel: 6038289253 FAX: N/A	
HDPE Pipe	ADS/Hancor 12370 Jackson TR 172 Findlay, OH 45839 Tel: (614) 658-0126 FAX:	ADS/Hancor-Findlay, OH 12370 Jackson TR 172 Findlay, OH 45839 Tel: 6038289253 FAX: N/A	
HDPE Pipe	ADS/Hancor 58 Wyoming St Ludlow, MA 01056 Tel: (614) 658-0126 FAX:	ADS/Hancor-Ludlow, MA 58 Wyoming St Ludlow, MA 01056 Tel: 6038289253 FAX: N/A	
HDPE Pipe	ADS/Hancor 173 Industrial Park Road Muncy, PA 17756 Tel: (614) 658-0126 FAX:	ADS/Hancor-Muncy, PA 173 Industrial Park Road Muncy, PA 17756 Tel: 6038289253 FAX: N/A	

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Approved products listing

Material Spec. No.: 710.07, Corrugated Polypropylene Pipe

Product	Manufacturer	Distributor	Comments
N-12 HP/SaniTite HP	ADS/Hancor 30 Precision Drive N Springfield, VT 05150 Tel: (614) 658-0126 FAX:	ADS/Hancor-N Springfield 30 Precision Drive North Springfield, VT 0515 Tel: 6038289253 FAX: N/A	
N-12 HP/Sanitite HP	ADS/Hancor 12370 Jackson TR 172 Findlay, OH 45839 Tel: (614) 658-0126 FAX:	ADS/Hancor-Findlay, OH 12370 Jackson TR 172 Findlay, OH 45839 Tel: 6038289253 FAX: N/A	
N-12 HP/Sanitite HP	ADS/Hancor 173 Industrial Park Road Muncy, PA 17756 Tel: (614) 658-0126 FAX:	ADS/Hancor-Muncy, PA 173 Industrial Park Road Muncy, PA 17756 Tel: 6038289253 FAX: N/A	
N-12 HP/SaniTite HP	ADS/Hancor 1600 Industrial Drive Mendota, IL 61342 Tel: (614) 658-0126 FAX:	ADS/Hancor-Mendota, IL 1600 Industrial Drive Mendota, IL 61342 Tel: 6038289253 FAX: N/A	
N-12 HP/Sanitite HP	ADS/Hancor 3113 W. Old Lincoln Way Wooster, OH 44691 Tel: (614) 658-0126 FAX:	ADS/Hancor-Wooster, OH 3113 W. Old Lincoln Way Wooster, OH 44691 Tel: 6038289253 FAX: N/A	

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Approved products listing

Material Spec. No.: 720.05, Prefabricated Check Dams

Product	Manufacturer	Distributor	Comments
Compost Filter Socks	Filtrexx International 61N Cleveland Massillon Akron, OH 44333 Tel: (404) 687-8393 FAX: (440) 926-4021	Northeast Env Solutions 577 West St PO Box 507 Amherst, MA 01004 Tel: 413-256-0877 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used. (SiltSoxx Product Line)
Curlex Sediment Logs	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	American Excelsior Co. 831 Pioneer Ave. Rice Lake, WI 54868 Tel: 715 234-6861 FAX: N/A	

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 720.06, Inlet Protection Device, Type II

Product	Manufacturer	Distributor	Comments
Compost Filter Socks	US Silt and Site Supply PO Box 2461 Concord, NH 03302 Tel: (603) 225-4600 FAX: (603) 228-4604	Northeast Env Solutions 577 West St PO Box 507 Amherst, MA 01004 Tel: 413-256-0877 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Curlex Sediment Logs	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	American Excelsior Co. 831 Pioneer Ave. Rice Lake, WI 54868 Tel: 715 234-6861 FAX: N/A	
Dandy Bag	Dandy Products, Inc. PO Box 1680 Powell, OH 43065-1680 Tel: (800) 591-2284 FAX: (740) 881-2791	Dandy Products, Inc. PO Box 1980 Westerville, OH 43083 Tel: 800 591-2284 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Dandy Curb	Dandy Products, Inc. PO Box 1680 Powell, OH 43065-1680 Tel: (800) 591-2284 FAX: (740) 881-2791	Dandy Products, Inc. PO Box 1980 Westerville, OH 43083 Tel: 800 591-2284 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Dandy Curb Bag	Dandy Products, Inc. PO Box 1680 Powell, OH 43065-1680 Tel: (800) 591-2284 FAX: (740) 881-2791	Dandy Products, Inc. PO Box 1980 Westerville, OH 43083 Tel: 800 591-2284 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Approved products listing

Material Spec. No.: 720.06, Inlet Protection Device, Type II

Product	Manufacturer	Distributor	Comments
Dandy Curb Sack	Dandy Products, Inc. PO Box 1680 Powell, OH 43065-1680 Tel: (800) 591-2284 FAX: (740) 881-2791	Ferguson Waterworks 134 Park Street Rutland, VT 05701 Tel: 802-747-7555 FAX: N/A	Geotextile fabric unit designed to be fitted to curb and gutter inlet systems.
Dandy Pop	Dandy Products, Inc. PO Box 1680 Powell, OH 43065-1680 Tel: (800) 591-2284 FAX: (740) 881-2791	Ferguson Waterworks 134 Park Street Rutland, VT 05701 Tel: 802-747-7555 FAX: N/A	Geotextile fabric dome unit with fully-covered support frame that encloses field grates. Prior conditional approval for 2006 construction season.
Dandy Sack	Dandy Products, Inc. PO Box 1680 Powell, OH 43065-1680 Tel: (800) 591-2284 FAX: (740) 881-2791	Dandy Products, Inc. PO Box 1980 Westerville, OH 43083 Tel: 800 591-2284 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
FLEXSTORM Inlet Filters	Inlet and Pipe Protection, Inc 24137 111th St, Unit A Naperville, IL 60564 Tel: (866) 287-8655 FAX: (630) 355-3477	Advanced Drainage Systems 4640 Trueman Blvd. Hillard, OH 43026 Tel: 614 658-0250 FAX: 614 658-0203	
LPR500A	Silt-Saver, Inc. 1094 Culpepper Drive Conyers, GA 30094 Tel: (770) 388-7818 FAX:	Johnson Hardware & Rental 1442 Vermont Route 15W Johnson, VT 05656 Tel: 802-3434538 FAX: N/A	

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Approved products listing

Material Spec. No.: 720.06, Inlet Protection Device, Type II

Product	Manufacturer	Distributor	Comments
LPS600A	Silt-Saver, Inc. 1094 Culpepper Drive Conyers, GA 30094 Tel: (770) 388-7818 FAX:	Johnson Hardware & Rental 1442 Vermont Route 15W Johnson, VT 05656 Tel: 802-3434538 FAX: N/A	
R100A	Silt-Saver, Inc. 1094 Culpepper Drive Conyers, GA 30094 Tel: (770) 388-7818 FAX:	Johnson Hardware & Rental 1442 Vermont Route 15W Johnson, VT 05656 Tel: 802-3434538 FAX: N/A	
S200A	Silt-Saver, Inc. 1094 Culpepper Drive Conyers, GA 30094 Tel: (770) 388-7818 FAX:	Johnson Hardware & Rental 1442 Vermont Route 15W Johnson, VT 05656 Tel: 802-3434538 FAX: N/A	
Siltsack	ACF Environmental 2831 Cardwell Rd. Richmond, VA 23234 Tel: (804) 271-2363 FAX: (804) 271-3074	None Tel: N/A FAX: N/A	
Storm Water Inlet Filter	Blocksom & Co 450 St. John Road Michigan City, IN 46351-8 Tel: (219) 878-4443 FAX:	None Tel: N/A FAX: N/A	

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Vermont Agency of Transportation
Material Testing & Certifications Section

Date printed: 5/11/2018

Approved products listing

Material Spec. No.: 720.06, Inlet Protection Device, Type II

Product	Manufacturer	Distributor	Comments
VertiPro	Enviroscape ECM Ltd. 300 S Chestnut Street Deshler, OH 43516 Tel: (419) 278-2000 FAX: (419) 710-5981	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 720.07, Filter Bag

Product	Manufacturer	Distributor	Comments
Dirtbag	ACF Environmental 2831 Cardwell Rd. Richmond, VA 23234 Tel: (804) 271-2363 FAX: (804) 271-3074	ACF Environmental 25 Progress Avenue Nashua, NH 03062 Tel: 8004483636 FAX: N/A	
Filter Bag	Indian Valley Industries, Inc 5 Pine Camp Drive Binghamton, NY 13904 Tel: (607) 729-5111 FAX: (607) 729-5158	Ferguson Waterworks 134 Park Street Rutland, VT 05701 Tel: 802-747-7555 FAX: N/A	
Filter Bags	US Silt and Site Supply PO Box 2461 Concord, NH 03302 Tel: (603) 225-4600 FAX: (603) 228-4604	EJ Prescott 2318 Airport Rd Barre, VT 05641 Tel: 802-213-2385 FAX: N/A	

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.01(d), Liquid Membrane-Forming Compounds

Product	Manufacturer	Distributor	Comments
Clear Dissipating Cure EF	Dayton Superior Corporation 1125 Byers Road Miamisburg, OH 45342 Tel: (937) 866-0711 FAX: (913) 847-8473	None Tel: N/A FAX: N/A	Approved for use on sidewalks or curbs only. Please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Clear Resin Cure J11W	Dayton Superior Corporation 1125 Byers Road Miamisburg, OH 45342 Tel: (937) 866-0711 FAX: (913) 847-8473	Barker Steel Co. Inc. US Rte 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: 603-632-6066	
Harris Kurseal 309	Vexcon Chemicals, Inc. 7240 State Rd Philadelphia, PA 19135 Tel: (215) 332-7709 FAX: (215) 332-9997	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Harris Kurseal 800 White	Vexcon Chemicals, Inc. 7240 State Rd Philadelphia, PA 19135 Tel: (215) 332-7709 FAX: (215) 332-9997	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
SEALTIGHT 1100- Clear Concrete Curing Compound	W.R. Meadows of PA 2150 Monroe Street York, PA 17404 Tel: (717) 792-2627 FAX: (717) 792-0151	W.R. Meadows of PA P.O. Box 7550 York, PA 17404 Tel: 717-792-2627 FAX: N/A	

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Approved products listing

Material Spec. No.: 725.01(d), Liquid Membrane-Forming Compounds

Product	Manufacturer	Distributor	Comments
SEALTIGHT 1200-White Concrete Curing Compound	W.R. Meadows of PA 2150 Monroe Street York, PA 17404 Tel: (717) 792-2627 FAX: (717) 792-0151	W.R. Meadows of PA P.O. Box 7550 York, PA 17404 Tel: 717-792-2627 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when use is proposed.
Thinfilm 420	Kaufman Products, Inc. 3811 Curtis Ave Baltimore, MD 21226 Tel: (410) 354-8600 FAX:	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Thinfilm 450	Kaufman Products, Inc. 3811 Curtis Ave Baltimore, MD 21226 Tel: (410) 354-8600 FAX:	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
White Resin Cure J10W	Dayton Superior Corporation 1125 Byers Road Miamisburg, OH 45342 Tel: (937) 866-0711 FAX: (913) 847-8473	Barker Steel Co. Inc. US Rte 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: 603-632-6066	

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Approved products listing

Material Spec. No.: 725.02(b), Air-Entraining Admixtures

Product	Manufacturer	Distributor	Comments
Daravair AT30	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Daravair AT60	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Darex II AEA	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Eucon Air-Mix	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	Trowel Trades 71 Troy Avenue Colchester, VT 05446 Tel: (802)655-3166 FAX: N/A	
MasterAir AE 200	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Micro Air.

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.02(b), Air-Entraining Admixtures

Product	Manufacturer	Distributor	Comments
MasterAir AE 90	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	None Tel: N/A FAX: N/A	Formerly MB AE 90
MasterAir VR 10	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly MB-VR Standard.
Sika AEA-14	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	Does not require any recirculation when stored in bulk storage tanks, if they are stored within the temperature range as mentioned on the product data sheets of the respective admixtures and the admixtures are within the shelf life period.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.02(c), Retarding Admixtures

Product	Manufacturer	Distributor	Comments
Daratard 17	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Eucon Retarder 75	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	Trowel Trades 71 Troy Avenue Colchester, VT 05446 Tel: (802)655-3166 FAX: N/A	
MasterSet DELVO	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	None Tel: N/A FAX: N/A	
MasterSet R 100	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Pozzolith 100 XR.
MasterSet R 961	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Pozzolith 961 R.

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Approved products listing

Material Spec. No.: 725.02(c), Retarding Admixtures

Product	Manufacturer	Distributor	Comments
Plastiment	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	Bright-Line Technologies 104 Revere St. Canton, MA 02021 Tel: (888)201-6448 FAX: (888)208-0758	Does not require any recirculation when stored in bulk storage tanks, if they are stored within the temperature range as mentioned on the product data sheets of the respective admixtures and the admixtures are within the shelf life period.
Plastocrete 161	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	
RECOVER	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	None Tel: N/A FAX: N/A	Company name change, formally W.R, Grace & Co.
SikaTard 440	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
ZYLA R	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	None Tel: N/A FAX: N/A	Company name change, formally W.R, Grace & Co.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.02(f), Water-Reducing Admixtures

Product	Manufacturer	Distributor	Comments
Adva 190	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
ADVA 405	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	None Tel: N/A FAX: N/A	Company name change, formally W.R, Grace & Co.
Eucon 37 - Type-F	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	Trowel Trades 71 Troy Avenue Colchester, VT 05446 Tel: (802)655-3166 FAX: N/A	
MasterGlenium 3030	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Glenium 3030 NS.
MasterGlenium 7500	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	None Tel: N/A FAX: N/A	

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.02(f), Water-Reducing Admixtures

Product	Manufacturer	Distributor	Comments
MasterPozzoloth 200	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Pozzoloth 200N.
MasterPozzoloth 322	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Pozzoloth 322N.
Plastocrete 161	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	
Sika ViscoCrete 1000	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
SikaPlast 500	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	Does not require any recirculation when stored in bulk storage tanks, if they are stored within the temperature range as mentioned on the product data sheets of the respective admixtures and the admixtures are within the shelf life period.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Vermont Agency of Transportation
Material Testing & Certifications Section

Date printed: 5/11/2018

Approved products listing

Material Spec. No.: 725.02(f), Water-Reducing Admixtures

Product	Manufacturer	Distributor	Comments
WRDA w/ Hycol	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

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Approved products listing

Material Spec. No.: 725.02(g), Water-Reducing and Retarding Admixtures

Product	Manufacturer	Distributor	Comments
MasterPolyheed 997	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Polyheed 997.
MasterSet DELVO	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Added to APL in 2017, but approved in 2013. Formally Delvo Stabilizer.

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.02(h), Water-Reducing, High Range Admixtures

Product	Manufacturer	Distributor	Comments
ADVA 140M	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Recommended for use in precast applications or in Silica Fume Concrete under the direction of the Materials and Research Division. Use only when mix design has been approved by the Structural Concrete Engineer. The change to this product is a lower PH range from the previously tested and approved version. Company name change, formally W.R, Grace & Co.
Adva 190	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Adva 195	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Eucon 37	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	Trowel Trades 71 Troy Avenue Colchester, VT 05446 Tel: (802)655-3166 FAX: N/A	Recommended for use in precast applications or in Silica Fume Concrete under the direction of the Materials and Research Division. Use only when mix design has been approved by the Structural Concrete Engineer.

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 725.02(h), Water-Reducing, High Range Admixtures

Product	Manufacturer	Distributor	Comments
MasterGlenium 3400	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Glenium 3400 NV.
MasterGlenium 7500	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	None Tel: N/A FAX: N/A	
MasterGlenium 7620	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Conditionally Approved for use on no more than 2 projects pending formal evaluation, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when the product is proposed for use.
MasterRheobuild 1000	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Rheobuild 1000.
Plastol Ultra 209	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	None Tel: N/A FAX: N/A	Approved 8/4/2017. Polycarbonate based plasticizing admixture.

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Approved products listing

Material Spec. No.: 725.02(h), Water-Reducing, High Range Admixtures

Product	Manufacturer	Distributor	Comments
Sika ViscoCrete 1000	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
Sika ViscoCrete 6100	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	
SikaPlast 500	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	
V-Mar 3	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Only to be used with Adva Cast 530 and 540 in S.C.C. Company name change, formally W.R, Grace & Co.

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Approved products listing

Material Spec. No.: 725.02(j), Accelerating Admixtures

Product	Manufacturer	Distributor	Comments
Accelguard G3	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	None Tel: N/A FAX: N/A	Approved 8/4/2016. Non-chloride, accelerating & water reducing admixture
Daraset 400	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	None Tel: N/A FAX: N/A	Originally used for Milton IM 089-3(66)). Company name change, formally W.R, Grace & Co.
Darex Corrosion Inhibitor (DCI)	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Qualifies under AASHTO M194, Type C admixture although not intended for use as an accelerator. Contact Structural Concrete section for addition rate. Intended use as a corrosion inhibitor. Company name change, formally W.R, Grace & Co.
MasterLife CI 30	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Rheocrete CNI.
MasterSet FP 20	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Formerly Pozzutec 20+.

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Approved products listing

Material Spec. No.: 725.02(j), Accelerating Admixtures

Product	Manufacturer	Distributor	Comments
PolarSet	GCP Applied Technologies Inc. 62 Whittemore Avenue Cambridge, MA 02140 Tel: (617) 498-4816 FAX: (617) 234-7576	W.R. Grace and Co.- Conn. 62 Whittemore Ave. Cambridge, MA 02140-169 Tel: (617)498-4555 FAX: (617)234-7576	Company name change, formally W.R, Grace & Co.
Sika CNI	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	
SikaSet NC	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	Does not require any recirculation when stored in bulk storage tanks, if they are stored within the temperature range as mentioned on the product data sheets of the respective admixtures and the admixtures are within the shelf life period.

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Approved products listing

Material Spec. No.: 725.02(k), Water-Reducing and Accelerating Admixtures

Product	Manufacturer	Distributor	Comments
Accelguard G3	The Euclid Chemical Co. 19218 Redwood Rd Cleveland, OH 44110-2799 Tel: (216) 486-8139 FAX: (216) 531-9399	None Tel: N/A FAX: N/A	Approved 8/4/2016. Non-chloride, accelerating & water reducing admixture
SikaSet NC	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 725.02(1), Specific Performance Admixtures

Product	Manufacturer	Distributor	Comments
MasterLife SRA 035	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF Admixtures Inc David Dodier , Tel: 603-365-1507 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
MasterSure Z 60	BASF Const. Chemicals, LLC 23700 Chagrin Blvd Cleveland, OH 44122 Tel: (216) 839-7072 FAX:	BASF David Dodier , Tel: 603-365-1507 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used. Formerly RheoTEC Z 60.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 726.10, Concrete Staining and Sealing Systems

Product	Manufacturer	Distributor	Comments
H&C Super V	Sherwin-Williams 134 Oakdale Drive Zelienople, PA 16063 Tel: (724) 272-0082 FAX: (724) 453-1042	None Tel: N/A FAX: N/A	Product is to be used with a staining system from the same manufacturer, under their recommendations. Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
TK-292 H.D. Tri Siloxane	The Sierra Company, LLC 11400 West 47th St Minnetonka, MN 55343 Tel: (800) 441-2129 FAX: (952) 938-8084	None Tel: N/A FAX: N/A	Product is to be used with a staining system from the same manufacturer, under their recommendations. Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Approved products listing

Material Spec. No.: 726.11, Sheet Membrane Waterproofing, Preformed Sheet

Product	Manufacturer	Distributor	Comments
Chase/Royston 10AN Easy Pave	Chase Corporation 295 University Avenue Westwood, MA 02090 Tel: (781) 332-0700 FAX: (781) 332-0702	Essco Distributors of CT 282 Quarry Road, Unit J Milford, CT 06460 Tel: 203-876-0666 FAX: N/A	The following liquid membranes are approved for use with this product: Royston 163-99 ATG, Royston JS 160-H, Gaco LM60. Adhesives: Roybond 713A, 713B, 740, and 750
MEL-DEK Deck Waterproofing System	W.R. Meadows, Inc. P.O. Box 338 Hampshire, IL 60140-0338 Tel: (847) 214-2100 FAX: (847) 683-4544	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Polyguard 665 Membrane	Polyguard Products, Inc. P.O. Box 755 Ennis, TX 75120-0755 Tel: (214) 515-5043 FAX: (972) 875-9425	Polyguard Products, Inc P.O. Box 755 Ennis, TX 75120 Tel: 972-875-8421 FAX: N/A	Approved only on project by project basis. The system requires the application of a tack coat on the surface of the membrane to insure adequate overlay bond. The following liquid membrane is approved for use with this product: Gaco LM60
Protecto Wrap M-400A	Protecto Wrap Company 1955 South Cherokee St. Denver, CO 80223 Tel: (303) 777-3001 FAX: (303) 777-9273	Protecto Wrap Co. 2255 South Delaware St. Denver, CO 80223 Tel: 303-777-3001 FAX: N/A	The following liquid membranes are approved for use with this product: Royston 163-99 ATG, Royston JS 160-H, Bituthene LM300, Gaco LM60
Royston Bridge Membrane - 104 AHT Membrane - Vertical	Chase Corporation 295 University Avenue Westwood, MA 02090 Tel: (781) 332-0700 FAX: (781) 332-0702	None Tel: N/A FAX: N/A	

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 728.01(d), Alternative Blockouts

Product	Manufacturer	Distributor	Comments
MondoBlock Polymer Offset Blocks	Mondo Polymer Tech, Inc. 27620 State Route 7 Reno, OH 45773 Tel: (888) 607-4790 FAX: (740) 376-9960	Mondo Polymer Tech., Inc. P.O. Box 250 Reno, OH 45773 Tel: (888)607-4790 FAX: (740)376-9960	Recycled Polyethylene. Acceptable for use on steel post guard rail systems installed on the National Highway System per FHWA letter of 03/27/2002.

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 728.06, Manufactured Terminal Sections

Product	Manufacturer	Distributor	Comments
BEAT	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	Gregory Highway Products 4100 13th Street, SW Canton, OH 44710 Tel: 3304774800 FAX: N/A	End terminal for 6x6 or 6x8 box beam barriers. Acceptable for use at NCHRP Test Level 3 (crash tested at 62.5 MPH) per FHWA letter of 11/09/2000. To be used in Box Beam Guardrail applications only.
BEAT-SSCC	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	Gregory Highway Products 4100 13th Street, SW Canton, OH 44710 Tel: 3304774800 FAX: N/A	Single-sided crash cushion for rigid barriers (concrete barriers, bridge abutments). Not suitable in areas where backside hits towards rigid barrier are possible or in narrow medians where opposite backside hits are likely. Acceptable for use at NCHRP Test Level 3 (crash tested at 62.5 MPH) per FHWA letter of 02/22/2002. To be used in Box Beam Guardrail applications only.
FLEAT	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	None Tel: N/A FAX: N/A	Flared End Terminal. Acceptable for use at NCHRP Test Level 3 (crash tested at 62.5 MPH) per FHWA letter of 9/17/2008.
SKT-SP	Road Systems, Inc. 3616 Old Howard County A Big Spring, TX 79720 Tel: (432) 263-2435 FAX: (432) 267-4039	Road Systems, Inc. 2183 Elm Trace Street Austintown, OH 44515 Tel: 330-799-9291 FAX: N/A	Tangent End Terminal. Acceptable for use at NCHRP Test Level 3 per FHWA letter of 9/18/2008.

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Approved products listing

Material Spec. No.: 728.06, Manufactured Terminal Sections

Product	Manufacturer	Distributor	Comments
SRT-27SP	Trinity Highway Products, LLC 3617 Cincinnati Avenue Rocklin, CA 95765 Tel: (916) 644-9102 FAX: (330) 545-0538	None Tel: N/A FAX: N/A	

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Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 728.07, Energy Absorption Attenuators

Product	Manufacturer	Distributor	Comments
Absorb 350 Crash Cushion	Lindsay Trans. Solutions 180 River Rd Rio Vista, CA 94571 Tel: (707) 378-4239 FAX: (707) 374-6801	NES Traffic Safety 55 Bodwell Street Avon, MA 02322 Tel: 508-580-6700 FAX: 413-273-5976	Non-Gating Energy Absorption Attenuator. Acceptable for use at NCHRP TL 2 (crash tested at 43.5 MPH) for permanent and temporary barriers, per FHWA letter of 06/27/2000. Acceptable for use at NCHRP TL 3 (crash tested at 62.5 MPH) for temporary barriers only, per FHWA letter of 05/11/2000.
CrashGard Sand Barrel System	Plastic Safety Systems, Inc. 2444 Baldwin Rd Cleveland, OH 44104 Tel: (800) 662-6338 FAX: (216) 231-2702	None Tel: N/A FAX: N/A	For temporary work zones only. Non-Gating Energy Absorption Attenuator. Acceptable for use at NCHRP Test Level 3 per FHWA letter of 3/08/2007.
SCI 100GM	Work Area Protection Corp. 2500 Production Drive St. Charles, IL 60174-9081 Tel: (630) 377-9100 FAX: (630) 377-9270	None Tel: N/A FAX: N/A	Non-Gating Energy Absorption Attenuator. Acceptable for use at NCHRP Test Level 3 (crash tested at 62.5 MPH) for permanent and temporary barriers, per FHWA letter of 09/12/2003.
Universal TAU II Crash Cushion	Lindsay Trans. Solutions 180 River Rd Rio Vista, CA 94571 Tel: (707) 378-4239 FAX: (707) 374-6801	NES Traffic Safety 55 Bodwell Street Avon, MA 02322 Tel: 508-580-6700 FAX: 413-273-5976	Non-Gating Energy Absorption Attenuator. Acceptable for use at NCHRP Test Level 3 (crash tested at 62.5 MPH) for permanent and temporary barriers, per FHWA letter of 09/14/2001.
X-Tension Median Attenuator System (X-MAS)	Lindsay Trans. Solutions 180 River Rd Rio Vista, CA 94571 Tel: (707) 378-4239 FAX: (707) 374-6801	Lindsay Trans. Solutions 180 River Road Rio Vista, CA 94571 Tel: 724-991-8099 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 751.08, Detectable Warning Surface

Product	Manufacturer	Distributor	Comments
Advantage Tactile Detectable Warning Surface Tile System	Advantage Tactile Systems, Inc 1104 Corporate Way Sacramento, CA 95831 Tel: (916) 361-6545 FAX: (916) 361-6546	None Tel: N/A FAX: N/A	No conditions - observe color contrast. Intended for installation when underlying material is concrete.
CAST-DWD	Pioneer Detectable, LLC N8060 Maple Street Ixonah, WI 53036 Tel: (262) 370-5355 FAX: (262) 560-1890	None Tel: N/A FAX: N/A	No conditions - observe color contrast. Intended for installation when underlying material is concrete.
Detectable Warning Plate R-4984-24Q	Neenah Foundry Company 2121 Brooks Ave, Neenah, WI 54957-0729 Tel: (920) 729-4644 FAX: (920) 729-3827	SD Ireland PO Box 2286 Williston, VT 05495-0849 Tel: 802-863-5472 FAX: N/A	No conditions - observe color contrast. Intended for installation when underlying material is concrete.
DURALAST ®	EJ USA, Inc. 301 Spring St. East Jordan, MI 49727-043 Tel: (315) 699-2601 FAX:	None Tel: N/A FAX: N/A	No conditions - observe color contrast. Intended for installation when underlying material is concrete.
Iron Dome	ADA Solutions, Inc. 323 Andover St. Suite 3 Wilmington, MA 01887 Tel: (800) 372-0519 FAX: (978) 262-9125	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	No conditions - observe color contrast. Intended for installation when underlying material is concrete.

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Approved products listing

Material Spec. No.: 751.08, Detectable Warning Surface

Product	Manufacturer	Distributor	Comments
TufTile Cast Iron Tiles (Wet-Set)	TufTile, Inc. 1200 Flex Court Lake Zurich, IL 60047 Tel: (425) 761-6525 FAX: (847) 550-8004	None Tel: N/A FAX: N/A	No conditions - observe color contrast. Intended for installation when underlying material is concrete.

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Approved products listing

Material Spec. No.: 755.07, Mycorrhizal Fungi Product

Product	Manufacturer	Distributor	Comments
Root Tree Saver	Lebanon Seaboard Corporation 1600 East Cumberland St Lebanon, PA 17042 Tel: (800) 532-0090 FAX:	Northern Nurseries US Route 5 White River Junction, VT 0 Tel: 802 295-2117 FAX: N/A	

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Approved products listing

Material Spec. No.: 755.10(d), Fiber Mulch

Product	Manufacturer	Distributor	Comments
Bindex Blend	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Bindex Blend WT	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Bindex Wood	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Bindex Wood WT	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
Conwed Fibers® Hydro Mulch® 1000 with TriFlo	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	HydroGrass Corp. (Russ) 58 Hartland Ave. Pittsfield, ME 04967 Tel: 207-487-2733 FAX: N/A	

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Approved products listing

Material Spec. No.: 755.10(d), Fiber Mulch

Product	Manufacturer	Distributor	Comments
Conwed Fibers® Hydro Mulch® 2000	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	HydroGrass Corp. (Russ) 58 Hartland Ave. Pittsfield, ME 04967 Tel: 207-487-2733 FAX: N/A	
Enviro-Mix Wood Fiber Blend Mulch	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	NE Agricultural Sales 205 East St Lyndonville, VT 05851 Tel: 802-626-3351 FAX: N/A	Profile Products, LLC aquired Central Fiber in 2016 (Originally a Central Fiber Product)
Excel Fibermulch II	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	American Excelsior Co. 831 Pioneer Ave. Rice Lake, WI 54868 Tel: 715 234-6861 FAX: N/A	
HydroStraw All In One Bonded Fiber Matrix	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	None Tel: N/A FAX: N/A	This product uses a cross-linked tackifier.
HydroStraw Bonded Fiber Matrix	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	Seedway, LLC 3442 Route 22A Shoreham, Vt 05770 Tel: 888-863-9099 FAX: N/A	

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Approved products listing

Material Spec. No.: 755.10(d), Fiber Mulch

Product	Manufacturer	Distributor	Comments
HydroStraw Cellulose Fiber Plus	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	None Tel: N/A FAX: N/A	
HydroStraw Guar Plus Formulation	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	Seedway, LLC 3442 Route 22A Shoreham, Vt 05770 Tel: 888-863-9099 FAX: N/A	
Second Nature Wood Fiber Blend Mulch	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	L.D. Oliver Seed Co. 26 Sunset Avenue Milton, VT 05468 Tel: 802-893-1241 FAX: N/A	Profile Products, LLC aquired Central Fiber in 2016 (Originally a Central Fiber Product)
Terra-Wood	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	EJ Prescott 1235 Parkway S Burlington, VT 05404 Tel: 802-865-3958 FAX: N/A	
Terra-Wood with Tacking Agent 3®	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	EJ Prescott 1235 Parkway S Burlington, VT 05404 Tel: 802-865-3958 FAX: N/A	

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Approved products listing

Material Spec. No.: 755.10(e), Hydraulic Matrix

Product	Manufacturer	Distributor	Comments
Bindex BFM	American Excelsior Company 831 Pioneer Ave. Rice Lake, WI 54868 Tel: (715) 236-5643 FAX: (715) 236-5627	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
EarthGuard Fiber Matrix	LSC Environmental Prod., LLC 2183 Pennsylvania Ave. Apalachin, NY 13732 Tel: (518) 222-3916 FAX:	LSC Environmental 2183 Pennsylvania Ave. Apalachin, NY 13732 Tel: 800-800-7671 FAX: N/A	Formally the Manufacturer was Terra Novo.
Enviro-Matt Bonded Fiber Matrix (BFM)	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	NE Agricultural Sales 205 East St Lyndonville, VT 05851 Tel: 802-626-3351 FAX: N/A	Profile Products, LLC aquired Central Fiber in 2016 (Originally a Central Fiber Product)
Flexterra HP-FGM	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	HydroGrass Corp. (Russ) 58 Hartland Ave. Pittsfield, ME 04967 Tel: 207-487-2733 FAX: N/A	
Geo Perm Bonded Fiber Matrix	Hydrograss Technologies, Inc. 157 Southbridge Rd. North Oxford, MA 01537 Tel: (508) 987-2221 FAX: (508) 987-8785	GeoEnvironmental, Inc. 157 Southbridge Rd N. Oxford, MA 01537 Tel: 508-987-3548 FAX: N/A	

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Approved products listing

Material Spec. No.: 755.10(e), Hydraulic Matrix

Product	Manufacturer	Distributor	Comments
GeoMatrix	Hydrograss Technologies, Inc. 157 Southbridge Rd. North Oxford, MA 01537 Tel: (508) 987-2221 FAX: (508) 987-8785	Hydrograss Technologies, 157 Southbridge Rd. North Oxford, MA 01537 Tel: 508 987-2221 FAX: N/A	
GeoMatrix SS	Hydrograss Technologies, Inc. 157 Southbridge Rd. North Oxford, MA 01537 Tel: (508) 987-2221 FAX: (508) 987-8785	Hydrograss Technologies, 157 Southbridge Rd. North Oxford, MA 01537 Tel: 508 987-2221 FAX: N/A	
Hydra CX Extreme Slope Matrix	North American Green 5401 St Wendel Cynthiana Poseyville, IN 47633 Tel: (800) 772-2040 FAX: (812) 867-0247	North American Green Inc. 14649 Hwy 41 North Evansville, IN 47725 Tel: 800 772-2040 FAX: N/A	
HydroStraw Original	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	None Tel: N/A FAX: N/A	
HydroStraw All In One Bonded Matrix	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	None Tel: N/A FAX: N/A	This product uses a cross-linked tackifier.

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Approved products listing

Material Spec. No.: 755.10(e), Hydraulic Matrix

Product	Manufacturer	Distributor	Comments
ProMatrix - Engineered Fiber Matrix (EFM)	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	EJ Prescott 1235 Parkway S Burlington, VT 05404 Tel: 802-865-3958 FAX: N/A	
SprayMatt Bonded Fiber Matrix (BFM)	Profile Products, LLC 750 Lake Cook Rd Ste 440 Buffalo Grove, IL 60089 Tel: (603) 760-2946 FAX:	L.D. Oliver Seed Co. 26 Sunset Avenue Milton, VT 05468 Tel: 802-893-1241 FAX: N/A	Profile Products, LLC acquired Central Fiber in 2016 (Originally a Central Fiber Product)

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Approved products listing

Material Spec. No.: 755.10(f), Tackifier

Product	Manufacturer	Distributor	Comments
BIOSTAR CH	Biostar, Inc. PO Box 523 Stillwater, MN 54022 Tel: (715) 426-5131 FAX:	Biostar, Inc. 326 S.Glover Rd. City River Falls, WI 54022 Tel: 715 426 5131 FAX: N/A	Name change in 2016, formally Hild & Associates Inc.
EnviroPam	Innovative Turf Solutions, LLC 3318 Glenmont Lane Cincinnati, OH 45248 Tel: (513) 317-8311 FAX: (513) 672-9633	Innovative Turf Solutions 3318 Glenmont Lane Cincinnati, OH 45248 Tel: 513-317-8311 FAX: N/A	Formerly HydraPam.
FI-1045	JRM Chemical, Inc. 4881 NEO Pkwy Cleveland, OH 44128 Tel: (216) 475-8488 FAX: (216) 475-6517	None Tel: N/A FAX: N/A	To be used as either a tackifier or a flocculant.
FI-1046	JRM Chemical, Inc. 4881 NEO Pkwy Cleveland, OH 44128 Tel: (216) 475-8488 FAX: (216) 475-6517	None Tel: N/A FAX: N/A	To be used as either a tackifier or a flocculant.
FI-3500 Tablets	JRM Chemical, Inc. 4881 NEO Pkwy Cleveland, OH 44128 Tel: (216) 475-8488 FAX: (216) 475-6517	None Tel: N/A FAX: N/A	To be used as a flocculant only.

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Approved products listing

Material Spec. No.: 755.10(f), Tackifier

Product	Manufacturer	Distributor	Comments
FiberRX	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	None Tel: N/A FAX: N/A	
Floc Log	Applied Polymer Systems, Inc. 519 Industrial Dr. Woodstock, GA 30189 Tel: (678) 494-5998 FAX: (678) 494-5298	Applied Polymer Systems 519 industrial Dr. Woodstock, GA 30189 Tel: 678 494-5998 FAX: N/A	
HF5000 Tack	Innovative Turf Solutions, LLC 3318 Glenmont Lane Cincinnati, OH 45248 Tel: (513) 317-8311 FAX: (513) 672-9633	Innovative Turf Solutions 3318 Glenmont Lane Cincinnati, OH 45248 Tel: 513-317-8311 FAX: N/A	
HydraTack	Innovative Turf Solutions, LLC 3318 Glenmont Lane Cincinnati, OH 45248 Tel: (513) 317-8311 FAX: (513) 672-9633	Innovative Turf Solutions 3318 Glenmont Lane Cincinnati, OH 45248 Tel: 513-317-8311 FAX: N/A	Formerly LandTack Guar
HydraTack P Plus	Innovative Turf Solutions, LLC 3318 Glenmont Lane Cincinnati, OH 45248 Tel: (513) 317-8311 FAX: (513) 672-9633	Innovative Turf Solutions 3318 Glenmont Lane Cincinnati, OH 45248 Tel: 513-317-8311 FAX: N/A	Formerly LandTack Guar Q-3 Plus

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Approved products listing

Material Spec. No.: 755.10(f), Tackifier

Product	Manufacturer	Distributor	Comments
HydraTack Plus	Innovative Turf Solutions, LLC 3318 Glenmont Lane Cincinnati, OH 45248 Tel: (513) 317-8311 FAX: (513) 672-9633	Innovative Turf Solutions 3318 Glenmont Lane Cincinnati, OH 45248 Tel: 513-317-8311 FAX: N/A	Formerly LandTack Guar Q-3.
HydroStraw Straw Lock	Hydrostraw, LLC 22110 S. State Route 27 Rockford, WA 99030 Tel: (800) 545-1755 FAX: (509) 291-5656	None Tel: N/A FAX: N/A	This product uses a cross-linked tackifier.
Silt Stop 600 Emulsions	Applied Polymer Systems, Inc. 519 Industrial Dr. Woodstock, GA 30189 Tel: (678) 494-5998 FAX: (678) 494-5298	Applied Polymer Systems 519 industrial Dr. Woodstock, GA 30189 Tel: 678 494-5998 FAX: N/A	
Silt Stop 700 Powders	Applied Polymer Systems, Inc. 519 Industrial Dr. Woodstock, GA 30189 Tel: (678) 494-5998 FAX: (678) 494-5298	Applied Polymer Systems 519 industrial Dr. Woodstock, GA 30189 Tel: 678 494-5998 FAX: N/A	
Tack Plus	Innovative Turf Solutions, LLC 3318 Glenmont Lane Cincinnati, OH 45248 Tel: (513) 317-8311 FAX: (513) 672-9633	Innovative Turf Solutions 3318 Glenmont Lane Cincinnati, OH 45248 Tel: 513-317-8311 FAX: N/A	

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Approved products listing

Material Spec. No.: 755.16, Tree Watering Bags

Product	Manufacturer	Distributor	Comments
Treegator Jr. Pro	Spectrum Products, Inc. 153 Mosswood Blvd Youngsville, NC 27596 Tel: (919) 556-7797 FAX: (919) 556-9852	Northern Nurseries US Route 5 White River Junction, VT 0 Tel: 802 295-2117 FAX: N/A	Find Local Dealers at www.Treegator.com
Treegator Original	Spectrum Products, Inc. 153 Mosswood Blvd Youngsville, NC 27596 Tel: (919) 556-7797 FAX: (919) 556-9852	Northern Nurseries US Route 5 White River Junction, VT 0 Tel: 802 295-2117 FAX: N/A	Find Local Dealers at www.Treegator.com

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Approved products listing

Material Spec. No.: 780.02, Overhead and Vertical Concrete Repair Material

Product	Manufacturer	Distributor	Comments
Five Star Structural Concrete V/O	Five Star Products, Inc. 60 Parrott Drive Shelton, CT 06484-4733 Tel: (800) 336-7908 FAX: (203) 336-7930	Barker Steel Co. Inc. US RT. 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: (603)632-6066	If matching the color of the existing concrete is important for aesthetic reasons, test patches should be made prior to use of the material.
MasterEmaco N425	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Formerly called Sonneborn Gel Patch and MBT Gel Patch.
Patchwell VO	Kaufman Products, Inc. 3811 Curtis Ave Baltimore, MD 21226 Tel: (410) 354-8600 FAX:	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used..
SikaRepair 224	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
SikaRepair SHB	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	

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Approved products listing

Material Spec. No.: 780.02, Overhead and Vertical Concrete Repair Material

Product	Manufacturer	Distributor	Comments
SikaTop 123 Plus	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tel: (201) 508-6640 FAX: (201) 933-6225	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	The approval of SikaTop 123 Plus includes the requirement that the material be used in conjunction with its Part A component
Silpro Repair VOH	SILPRO, LLC 2 New England Way Ayer, MA 01432 Tel: (978) 772-4444 FAX: (978) 772-7456	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
US Thin Patch V/O	US Concrete Products 16 Greenmeadow Dr S202 Timonium, MD 21093 Tel: (866) 827-8727 FAX: (410) 561-8771	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Approved products listing

Material Spec. No.: 780.03, Rapid Setting Concrete Repair Material

Product	Manufacturer	Distributor	Comments
HD 50	Dayton Superior Corporation 1125 Byers Road Miamisburg, OH 45342 Tel: (937) 866-0711 FAX: (913) 847-8473	Barker Steel Co. Inc. US RT. 4 Canaan, NH 03741 Tel: 800-876-5767 FAX: (603)632-6066	
HP Concrete	US Concrete Products 16 Greenmeadow Dr S202 Timonium, MD 21093 Tel: (866) 827-8727 FAX: (410) 561-8771	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
MasterEmaco T 1060	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Formerly 10-60
MasterEmaco T 545	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Formerly MBT Set-45.
Rapid Road Repair	The Quikrete Companies, LLC 500 Marathon Parkway Lawrenceville, GA 30046 Tel: (770) 216-9580 FAX: (770) 237-2548	None Tel: N/A FAX: N/A	

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Approved products listing

Material Spec. No.: 780.03, Rapid Setting Concrete Repair Material

Product	Manufacturer	Distributor	Comments
Rapid Set DOT Repair Mortar	CTS Cement Manufacturing Co. 11065 Knott Ave Suite A Cypress, CA 90630 Tel: (800) 929-3030 FAX: (714) 379-8270	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	
SilproRapid	SILPRO, LLC 2 New England Way Ayer, MA 01432 Tel: (978) 772-4444 FAX: (978) 772-7456	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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Approved products listing

Material Spec. No.: 780.04, Rapid Setting Concrete Repair Material with Coarse Agg.

Product	Manufacturer	Distributor	Comments
MasterEmaco T 545	BASF Const. Chemicals, LLC 889 Valley Park Dr Shakopee, MN 55379 Tel: (952) 403-6547 FAX:	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Formerly MBT Set-45
Rapid Road Repair	The Quikrete Companies, LLC 500 Marathon Parkway Lawrenceville, GA 30046 Tel: (770) 216-9580 FAX: (770) 237-2548	None Tel: N/A FAX: N/A	
SilproRapid	SILPRO, LLC 2 New England Way Ayer, MA 01432 Tel: (978) 772-4444 FAX: (978) 772-7456	A.H. Harris & Sons, Inc. 294 Boyer Circle Williston, VT 05495 Tel: 802-863-3302 FAX: (802)860-1040	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

Please submit a TA 556 form to the Materials Acceptance Program – Certification Unit of the Construction and Materials Bureau upon use of any APL product.

Please contact the Vermont AOT Certifications Unit with any questions regarding the APL at AOT.MaterialsCertifications@Vermont.gov.

Approved products listing

Material Spec. No.: 780.05, Polymer Concrete Repair Material

Product	Manufacturer	Distributor	Comments
Durapatch MMA	ChemMasters P.O. Box 850765 Mesquite, TX 75181 Tel: (800) 486-7866 FAX:	Carroll Concrete Reeds Mills Rd. Box 1000 Newport, NH 03773 Tel: 6038635558 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
T-17 Patch Material	Transpo Industries, Inc. 20 Jones Street New Rochelle, NY 10801 Tel: (914) 636-1000 FAX:	None Tel: N/A FAX: N/A	
TechCrete TBR	Crafco, Inc. 6165 W. Detroit St. Chandler, AZ 85226 Tel: (800) 528-8242 FAX: (480) 961-0513	None Tel: N/A FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.
ThermaCrete	Crafco, Inc. 6165 W. Detroit St. Chandler, AZ 85226 Tel: (800) 528-8242 FAX: (480) 961-0513	Jamieson Distributors 21 Southwest Cutoff Worcester, MA 01604 Tel: 508-767-1000 FAX: N/A	Conditionally Approved, please contact the Research Section of Vermont AOT at (802)-498-7586 or AOT.ResearchSection@vermont.gov when used.

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