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Qualified Products List : Epoxy Joint Caulking Materials for Masonry, December 2002

Maine Department of Transportation

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Maine Department of Transportation Qualified Products List
EPOXY JOINT CAULKING MATERIALS FOR MASONRY
Meeting Standard Specification Revision of December 2002, Section 525

Manufacturer/ Distributor	Product Name	Aggregate	Pot Life (min.)	Mix Ratio	Min. Temp. (°F)	Packaging Available
Kelken Construction Systems PO Box 284 Parlin, NJ 08859 PHONE (732) 721-0249 FAX (732) 721-3918	Superior Patch 4178	Already in the product	45-60	1:1	≤ 50	2 gallon units 10 gallon units
Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071 PHONE (800) 933-7452 FAX (201) 933-6225	Sikadur 23, Low-Mod Gel	Mix 1 part by loose volume of oven-dried aggregate to 1 gal. of mixed Sikadur 23	45 ±	1:1	≤ 40	4 gallon units
Dayton Superior 4226 Kansas Ave. Kansas City, KS 66016 PHONE (913) 233-1750 FAX (913) 279-4806	Sure Level Epoxy (J-57)	Slowly add from 3.5 to 5 parts clean, dry, silica sand to one part of mixed Sure Level Epoxy and then mix thoroughly to completely wet all of the sand	40	1:1	≤ 40	2 gallon units 10 gallon units 110 gallon units
Symons Corporation 200 E. Touhy Avenue Des Plaines, IL 60018 PHONE (847) 298-3200 FAX (847) 635-9287	RESCON EPOXY BINDER LV	Mix 3.5 to 5.0 parts clean, dry, well-graded silica sand (by volume) to 1 part mixed epoxy	40	1:1	≤ 40	2 gallon units 10 gallon units
Conspec 636 S. 66th Terrace Kansas City, KS 66111 PHONE (877) Conspec FAX (913) 371-3330	Spec Binder	Slowly add from 3.5 to 5 parts clean, dry, silica sand to one part of mixed Spec Binder mix thoroughly, completely wetting out all of the sand	40	1:1	≤ 40	1 quart units 1 gallon units 2 gallon units 10 gallon units
Unitex 3101 Gardner Kansas City, MO 64120 PHONE (816) 231-7700 FAX (800) 821-5846	PRO-FLEX GEL	Add 1 part aggregate to 1 part mixed Pro-Flex Gel epoxy	30	1:1	≤ 40	1 gallon units 2 gallon units 10 gallon units 110 gallon units
Degussa Construction Chemicals 889 Valley Park Drive Shakopee, MN 55379 PHONE (800) 433-9517 FAX (800) 496-6067	Concressive Paste LPL	Extend per manufacturer's specifications	90-180	2:1	≤ 60	1 gallon units 3 gallon units

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NOTE:

If salt water is present, or thought to be present, the surface should first be flushed with clean potable water and the surface allowed to dry; the concrete then would basically be in a saturated-surface-dry [SSD] condition and no salt residue would be on the surface. Although many epoxies are moisture tolerant/insensitive, they will non-the-less bond better to a surface that is dry. No epoxy should be applied to a surface that has surface water present or is so wet it is glistening.

All listed products meet Section 525 - Granite Masonry, subsection 525.02 Materials, Maine Department of Transportation Standard Specifications, Revision of December 2002.

Sales Representatives seeking approval of a new product should submit their product's Materials Technical Data Sheet, Instructions for Installation, Material Safety Data Sheet, and a completed copy of the MaineDOT Preliminary Information for Product Evaluation Form.

PLEASE NOTE: Products often times may have multiple uses. Products appearing on this particular list are expressly pre-qualified for this category of usage only. Do not use these products for any other application unless this product is noted on other lists.