

Maine Department of Transportation Qualified Products List
CONCRETE SEALERS AND COATINGS
 Meeting MaineDOT Standard Specifications, Revision of November 2014, Section 515

Type 1c - Sealers, Penetrating Silane			
This category sealer is considered a 100% silane sealer although the solids content may actually range from 65% to 72%. These sealers must be used on concrete decks that have been cured for a minimum of 28 days.			
Product Name <i>Description</i>	Manufacturer <i>Local Supplier/Contact Phone Number</i>	VOC Content (grams/liter)	Temperature Range (°F)
Baracade Silane 100 C 100% silane, alcohol based	The Euclid Chemical Company 800-321-7628	248	>32
Certi-Vex Penseal 244 100% 100% silane, alcohol based	Vexcon Chemicals, Inc. A.H. Harris (207) 622-0821	<250	20 to 90
Aquanil Plus 100 >95% solids, solvent based	ChemMasters Genest Concrete Products (800) 649-4773	<250	40 to 100
Sikagard 705 L 100% silane, alcohol based	Sika Corporation A.H. Harris (207) 622-0821	100	40 to 95
SIL-ACT ATS-100 LV 100% silane, alcohol based	Advanced Chemical Technologies, Inc. (405) 843-2585	<250	40 to 110

Type 2a Sealers - Clear Coating			
One component clear coating for vertical and non traffic bearing concrete surfaces where the relative moisture content is less than or equal to 70%.			
Product Name <i>Description</i>	Manufacturer <i>Local Supplier/Contact Phone Number</i>	VOC Content (grams/liter)	Temperature Range (°F)
Sikagard 670W Clear water-based, 100% acrylic, protective coating	Sika Corp. A.H. Harris (207) 622-0821	193	45 to 95

Type 2b Sealers - Clear Coating			
Two component clear coating for vertical and non traffic bearing concrete surfaces where the relative moisture content is less than or equal to 70%.			
Product Name <i>Description</i>	Manufacturer <i>Local Supplier/Contact Phone Number</i>	VOC Content (grams/liter)	Temperature Range (°F)
Sealate T70 MX-30 high molecular weight methacrylate	Transpo Industries, Inc. (800) 321-7870	181	50 to 100
Sikagard 701W silane modified siloxane, dilutes with water	Sika Corp. A.H. Harris (207) 622-0821	46 ¹⁻⁴	40 to 95

Type 3 - Sealer, Pigmented Coating			
Colored coatings used for vertical non-traffic bearing concrete surface where aesthetics are a primary consideration and relative moisture content is less than or equal to 70%.			
Product Name <i>Description</i>	Manufacturer <i>Local Supplier/Contact Phone Number</i>	VOC Content (grams/liter)	Temperature Range (°F)
FX-460 Breathable Masonry Coating System colored, breathable, primer/top coat system	Fox Industries, Inc. (888) 760-0369	100	≥45
Sikagard 550W Elastocolor crack-bridging breathable coating	Sika Corp. A.H. Harris (207) 622-0821	20	45 to 95
THOROCOAT water-based, high-build, 100% acrylic	BASF Construction Chemicals, LLC A.H. Harris (207) 622-0821	63	≥40

Format of this QPL is based on Alberta Ministry of Transportation's categories of concrete sealers and protective coatings.

All products must meet Volatile Organic Compound (VOC) content limit as set by the Maine Department of Environmental Protection Air Rules, Chapter 151: Architectural and Industrial Maintenance (AIM) Coatings:
 Type 1c penetrating sealers (waterproofing sealers) have a VOC limit of 250 grams per liter.
 Type 2a, 2b, & 3 waterproofing concrete/masonry sealers (film-forming coatings) have a VOC limit of 400 grams per liter.

General Notes for Field Use:

Type 1

- Allow 28 days continuous drying after burlap is removed from new concrete.
- For mature concrete allow minimum 72 hours continuous drying after washing or a heavy rainfall.
- Flood coat the surface and repeat on high spots and areas that dry quickly.

Always consult manufacturer's MSDS/SDS for safety precautions including appropriate PPE prior to use.

Contact the Product Evaluation Coordinator at (207) 624-3268 or the manufacturer directly with any questions regarding application of any of the listed products.

Maine Department of Transportation Qualified Products List
CONCRETE SEALERS AND COATINGS
Meeting MaineDOT Standard Specifications, Revision of November 2014, Section 515

Sales Representatives seeking approval of a new product should submit their product's Materials Technical Data Sheet, Instructions, Material Safety Data Sheet, and a completed copy of the MaineDOT New 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.

NOTE: Re-certification of these products is required five years from the date of acceptance, and every five years thereafter in order to remain on the QPL.