

AUTHORIZED MATERIALS LIST FOR SILANE REACTIVE PENETRATING SEALERS

The following Silane Reactive Penetrating Sealers have been authorized for use when specifications require a Silane Waterproofing Treatment. Typical uses are for providing protection from water and waterborne contaminants to above grade concrete and masonry substrates. Silane Reactive Penetrating Sealers permeate concrete and masonry surfaces, adding hydrophobic properties to repel water and prevent chloride intrusion, while allowing water vapor to escape.

Silane Reactive Penetrating Sealers must meet the volatile organic carbon (VOC) content restrictions of the local Air Quality Management Districts in which they are applied. For California Department of Transportation (Caltrans) projects within the South Coast Air Quality Management District (SCAQMD), Silane Reactive Penetrating Sealers can only be used for reinforced concrete bridge structures within five miles of the ocean or above 4000 feet in elevation. Prior to use on the project the product must be authorized by the Chemical Testing Branch. Refer to Section 54-7 Silane Waterproofing Treatment, of the Caltrans 2018 Standard Specifications.

Manufacturer	Product Name	Reauthorization Date
Prosoco, Inc.	SL 100 Water Repellent *	06/30/25
IMRAE Corporation	CoatMasters® 2007R	06/30/25
Evonik Industries	Protectosil Chem-Trete BSM 350 *	06/30/25
Dow Corning	Xiameter™ OFS 6341	06/30/25
Advanced Chemical Technologies, Inc.	ATS 100-LV	12/17/25
Sika Corporation	Sikagard – 705L	6/13/27
Sika Corporation	Sikagard – 740W	6/13/27
Euclid Chemical	Baracade Silane 100 C	08/24/23

* Authorized for contractor use only

The information contained herein, shall not be used for advertising purposes, nor is it an endorsement by Caltrans.

Evaluation Criteria: Instructions of how a product can be placed on the authorized material list can be found in the, Silane Reactive Penetrating Sealer, Material Authorization Requirements and Acceptance Criteria. If you have questions about this AML contact Barry Marcks at (916) 227-7918 or at <Chemistry.Branch@dot.ca.gov>.