

**CALIFORNIA DEPARTMENT OF TRANSPORTATION PRECAST
PORTLAND CEMENT BASED REPAIR MATERIAL AUTHORIZED
MATERIAL LIST***

Category 1: Surface Spalls, Honeycomb, and Minor Defects

<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>APPLICATION</u>	<u>EXPIRES</u>
SikaTop 123 Plus	Sika Products	Vertical & Overhead	3/2017
SikaTop 122 Plus	Sika Products	Horizontal & Vertical	3/2017
SikaRepair 223	Sika Products	Vertical&Overhead	3/2017
SikaRepair 222	Sika Products	Horizontal	3/2017
Tamms Form and Pour	Euclid	Horizontal	3/2017
Gel Patch	BASF	Vertical&Overhead	3/2017
EMACO 310 CI	BASF	Horizontal	3/2017
EMACO R300CI	BASF	Vertical	3/2017
Zero C Horizontal Mortar	BASF	Horizontal	3/2017
Zero C Self Consolidating Mortar	BASF	Horizontal	3/2017
Elephant Armor DOT Industrial Grade Mortar	GST International	Horiz., Vert., Overhead	2/2021

Category 2: In Depth Repair

<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>APPLICATION</u>	<u>EXPIRES</u>
SikaRepair 223	Sika Products	Vertical&Overhead	3/2017
SikaRepair 222	Sika Products	Horizontal	3/2017
SikaTop 123 Plus	Sika Products	Vertical & Overhead	3/2017
SikaTop 122 Plus	Sika Products	Horizontal & Vertical	3/2017
Sikacrete 211 SCC Plus	Sika Products	Horizontal	3/2017
Verticoat Supreme	Euclid	Vertical&Overhead	3/2017
Veraspeed	Euclid	Horizontal	3/2017
EMACO S88CL	BASF	Vertical&Overhead	3/2017
EMACO S66CL	BASF	Horizontal	3/2017
LA Repair Mortar	BASF	Horizontal	3/2017
ZERO C Vertical&Overhead	BASF	Vertical&Overhead	3/2017
Zero C Horizontal Mortar Extended	BASF	Horizontal	3/2017
Zero C Self Consolidating Mortar Extended	BASF	Horizontal	3/2017
Elephant Armor DOT Industrial Grade Mortar	GST International	Horiz., Vert., Overhead	2/2021

Category 3: Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs (ASTM C 928)-Surface Spalls, Honeycomb, and Minor Defects

<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>APPLICATION</u>	<u>EXPIRES</u>
Express Repair	Euclid	Horizontal	3/2017
Sikaquick 2500	SIKA	Horizontal	3/2017

Sikaquick 1000	SIKA	Horizontal	3/2017
10-60 Repair Mortar	BASF	Horizontal	3/2017
10-61 Repair Mortar	BASF	Horizontal	3/2017

Category 4: Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs (ASTM C 928) - In Depth Repair

<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>APPLICATION</u>	<u>EXPIRES</u>
EMACO T415	BASF	Horizontal	3/2017
Sikacrete 321FS	SIKA	Horizontal	3/2017

***This list is the most current list for authorized precast Portland cement based repair materials and is the only list recognized by Caltrans for precast products.**

The materials on this list are NOT intended for anchorage devices.

This list is used for repair only and does not waive any cosmetic, color, or physical requirement of the finish requirements.