



AUTHORIZED MATERIAL LIST for INORGANIC ZINC-RICH PRIMER

Inorganic zinc primer is used for coating new structural steel used on California Department of Transportation (Caltrans) projects. Uses are typically steel in bridges, soldier pile walls, and column casings.

Specification requirements for inorganic zinc primer are in Section 59-2 and Section 91 of the 2018 Standard Specifications. Coatings selected from the list must meet the volatile organic content (VOC) restrictions of local Air Quality Management Districts in which they are applied.

Evaluation Criteria: Inorganic Zinc-Rich Primer Authorization Requirements and Acceptance Criteria.

Prior to use on the project, the batch must be authorized by the Chemistry Testing Branch.

Manufacturer	Product name	AASHTO M 300 Type	VOC, g/L	Reauthorization Date
Carboline	Carbozinc 11 WB	II	0 (zero)	6/2025
Carboline	Carbozinc 11 HS	I	288	6/2025
Carboline	Carbozinc 11 VOC	I	389	6/2025
Sherwin Williams	Zinc Clad XI	II	0	6/2025
Sherwin Williams	Zinc Clad II Ethyl Silicate	I	462	6/2025
Sherwin Williams	Zinc Clad II Plus	I	320	6/2025
Sherwin Williams	Zinc Clad DOT	I	310	6/2025
International Paint / Akzo Nobel	Interzinc 22	I	490	6/2025
International Paint / Akzo Nobel	Interzinc 22 HS	I	340	6/2025
PPG-Protective and Marine Coatings (PMC)	Dimetcote 21-5	II	0	6/2025
PPG-PMC	Dimetcote 9	I	491	6/2025
PPG-PMC	Dimetcote 9H	I	323	6/2025

Products on this Authorized Material List (AML) are products that have been evaluated and found acceptable for use, provided the products are used in

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accordance with the manufacturer's instructions. Caltrans may perform additional job control testing during construction or installation.

If you have questions about this AML, please contact the Caltrans Chemistry branch by e-mail sent to <chemistry.branch@dot.ca.gov>.