

Summary of Architectural Coating Rules in California

Revised December 13, 2016.

Limits Currently Effective, Except as Noted

NOTE: This summary is provided for comparison purposes ONLY and should not be used as a replacement for existing rules.

No attempt was made to merge similar categories among different rules.

Volatile Organic Compound (VOC) limits below are in grams per liter, less water and exempt compounds (divide grams/liter by 119.95 to obtain pounds/gallon)

	Federal	State																						
	U.S. EPA	CARB	Antelope	Bay Area	Butte	Colusa	Eastern Kern	El Dorado	Feather River	Imperial	Mojave	Monterey	Northern Sonoma	Placer	Sacramento	San Diego	San Joaquin	San Luis Obispo	Santa Barbara	Shasta	South Coast ^a	Tehama	Ventura	Yolo-Solano
	63 FR 176: 48848	SCM	1113	8-3	230	2.26	410.1A	215	3.15	424	1113	426	485	218	442	67.0.1	4601	433	323.1	3:31	1113	4:39	74.2	2.14
Adopted	Sep 98	Jun 77	Jul 97	Mar 78	July 79	1979	Apr 72	Sep 94	June 91	Nov 82	Feb 79	May 79	Apr-02	Jun 79	Dec 78	Nov 77	Apr 91	Mar-02	Oct 71	May-02	Sep 77	Aug-02	Jun 79	Nov-01
Last Amended	eff 9-99	Oct-07	Jun-13	Jul-09	Aug-02	Jul-02	Mar-10	Sep 94	Sep-14	Feb-10	Apr-12	Aug-12		Oct-10	Sep-15	Jun-15	Dec-09		Jun-14	Jul-05	Jun-11	Feb-14	Jan-10	
Coating Category																								
Ablative Coatings																					250			
Antenna	530				530	530							530					530		530		530		530
Anti-Fouling	450				400	400						400	400					400		400		400		400
Anti-Graffiti	600							340													50 to 100			
Basement Specialty		400	400	400			400		400	400	400	400		400	400	400	400		400				400	
Bituminous and Mastics	500																							
Bituminous Roof Coatings		50	50	50	300	300	50		50	50	50	50	300	50	50	50	50	300	50	300		300	50	300
Bituminous Roof Primers		350	350	350	350	350	350		350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Bond Breakers	600	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Calcimine Recoaters	475																							
Chalkboard Resurfacers	450																							
Concrete Curing Compounds	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	100	350	350	350
Concrete Curing Compounds for Roadways and Bridges																					350			
Concrete Curing and Sealing Compounds	700																							
Concrete/Masonry Sealers		100	100	100			100		100	100	100	100		100	100	100	100		100				100	
Concrete Protective	400																							
Concrete Surface Retarders	780																				50			
Conversion Varnishes	725																							
Driveway Sealers		50	50	50			50		50	50	50	50		50	50	50	50		50		50		50	
Dry Fog	400	150	150	150	400	400	150	400	150	150	150	150	400	150	150	150	150	400	150	400	50	400	150	400
Extreme High Durability	800																							
Faux Finishing/Glazing (Japans)	700	350	350	350	350	350	350		350	350	350	350	350	350	350	350	350	350	350	350	50 to 350	350	350	350
Fire Proofing, Exterior		350	350	350	350	350	350		350	350	350	350	350	350	350	350	350	350	350	350	150	350	350	350
Fire Resistive																								
Fire Retardant, Clear					650	650		650					650					650		650		650		650
Fire Retardant, Opaque (Pigmented)					350	350		350					350					350		350		350		350
Fire Retardant/Resistive, Clear	850																							
Fire Retardant/Resistive, Opaque	450																							
Flat		50	50	50	100	100	50	(250)	50	100	50	50	100	50	50	50	50	100	50	100	50	100	50	100
Flats, Exterior	250																							
Flats, Interior	250																							
Flats, Specialty								400																
Floor	400	100	100	100	250	250	100		100	100	100	100	250	100	100	100	100	250	100	250	50	250	100	250
Flow	650				420	420							420					420		420		420		420
Form Release Compounds	450	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	100	250	250	250
Graphic Arts (Sign Paints)	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	150	500	500	500
Heat Reactive	420																							
High Temperature (Industrial Maintenance)	650							420													420			
High Temperature		420	420	420	420	420	420		420	420	420	420	420	420	420	420	420	420	420	420		420	420	420
Impacted Immersion	780																							
Industrial Maintenance	450	250	250	250	250	250	250		250	250	250	250	250	250	250	250	250	250	250	250	100	250	250	250
Industrial Maintenance Primers and Topcoats								420																
Lacquers (including lacquer sanding sealers)					550	550							550					550		550		550		550
Lacquers, Clear Brushing					680	680							680					680		680		275	680	680
Lacquers, Clear																					275			
Lacquers, Clear or Pigmented (Including Lacquer Sanding Sealers)	680							680																
Lacquers, Pigmented																					275			
Low Solids Coatings**		120	120	120	120	120	120		120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
Low Solids Stains**	120							120																

	Federal	State																						
	U.S. EPA	CARB	Antelope	Bay Area	Butte	Colusa	Eastern Kern	El Dorado	Feather River	Imperial	Mojave	Monterey	Northern Sonoma	Placer	Sacramento	San Diego	San Joaquin	San Luis Obispo	Santa Barbara	Shasta	South Coast ^a	Tehama	Ventura	Yolo-Solano
	63 FR 176: 48848	SCM	1113	8-3	230	2.26	410.1A	215	3.15	424	1113	426	485	218	442	67.0.1	4601	433	323.1	3:31	1113	4:39	74.2	2.14
Adopted	Sep 98	Jun 77	Jul 97	Mar 78	July 79	1979	Apr 72	Sep 94	June 91	Nov 82	Feb 79	May 79	Apr-02	Jun 79	Dec 78	Nov 77	Apr 91	Mar-02	Oct 71	May-02	Sep 77	Aug-02	Jun 79	Nov-01
Last Amended	eff 9-99	Oct-07	Jun-13	Jul-09	Aug-02	Jul-02	Mar-10	Sep 94	Sep-14	Feb-10	Apr-12	Aug-12		Oct-10	Sep-15	Jun-15	Dec-09		Jun-14	Jul-05	Jun-11	Feb-14	Jan-10	
Coating Category																								
Low Solids Wood Preservatives**	120							120																
Magnesite Cement	600	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
Mastic Texture	300	100	100	100	300	300	100	300	100	100	100	100	300	100	100	100	100	300		300	100	300	100	300
Metallic Pigmented	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	150	500	500	500
Multi-Color	580	250	250	250	250	250	250	420	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Nonferrous Ornamental Metal Lacquers and Surface Protectants	870																							
Nonflat Coatings		100	100	100	150	150	100	(250)	100	100	100	100	150	100	100	100	100	150		150	50	150	100	150
Nonflat High Gloss Coatings		150	150	150	250	250	150	(250)	150	150	150	150	250	150	150	150	150	250		250	50	250	150	250
Non Flats, Interior	380																							
Non Flats, Exterior	380																							
Nuclear (Industrial Maintenance)	450																							
Pre-Treatment Wash Primers	780	420	420	420	420	420	420	675	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420
Primers and Undercoaters	350																							
Primers, Sealers, and Undercoaters		100	100	100	200	200	100	350	100	100	100	100	200	100	100	100	100	200	100	200	100	200	100	200
Quick Dry Enamels	450				250	250		400					250					250		250		250		250
Quick Dry Primers, Sealers, and Undercoaters	450				200	200							200					200		200		200		200
Reactive Penetrating Sealers		350	350	350			350		350	350	350	350	350	350	350	350	350	350	350		350		350	350
Recycled Coatings		250	250	250	250	250	250		250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Repair and Maintenance Thermoplastic	650																							
Roof	250	50	50	50	250	250	50	300	50	50	50	50	250	50	50	50	50	250	50	250	50	250	50	250
Roof, Aluminum		400	400	400			400		400	400	400	400		400	400	400	400		400		100		400	
Rust Preventative	400	250	250	250	400	400	250		250	250	250	250	400	250	250	250	400 [250 1/1/12]	400	250	400	100	400	250	400
Sanding Sealers																					275			
Sanding Sealers (Non-Lacquer)	550				350	350		350					350					350		350		350		350
Sealers (Including Clear Wood Sealers)	400																							
Shellacs, Clear	730	730	730	730	730	730	730	730	730	730	730	750	730	730	730	730	730	730	730	730	730	730	730	730
Shellacs, Opaque	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Shellacs, Pigmented								550																
Specialty Primers																					100			
Specialty Primers, Sealers, and Undercoaters		100	100	100	350	350	100	350		100	100	100	350	100	100	100	100	350		350		350	100	350
Stains		250	250	250	250	250	250		250	250	250	250	250	250	250	250	250	250	250	250	100	250	250	250
Stains, Clear	550																							
Stains, Interior																								
Stains, Semitransparent	550							350													250			
Stains, Opaque	350							350																
Stain Controllers	720																							
Stone Consolidants		450	450	450			450		450	450	450	450		450	450	450	450		450				450	
Swimming Pool	600	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340
Swimming Pool Repair & Maintenance					340	340		650					340					340		340	340	340		340
Temperature-Indicator Safety					550	550							550					550		550		550		550
Thermoplastic Rubber and Mastics	550																							
Traffic Marking	150	100	100	100	150	150	100	250	100	100	100	100	150	100	100	100	100	150	100	150	100	150	100	150
Tub and Tile Refinish		420	420	420			420		420	420	420	420		420	420	420	420		420				420	
Varnishes	450				350	350		350					350					350		350	275	350		350
Waterproofing Membranes		250	250	250			250		250	250	250	250		250	250	250	250		250				250	
Waterproofing Sealers					250	250		400					250					250		250	100	250		250
Waterproofing Sealers, Concrete/Masonry					400	400							400					400		400	100	400		400
Water Proofing Sealers and Treatments, Clear	600																							
Water Proofing Sealers and Treatments, Opaque	600																							
Wood Coatings		275	275	275			275		275	275	275	275		275	275	275	275		275				275	

	Federal	State																						
	U.S. EPA	CARB	Antelope	Bay Area	Butte	Colusa	Eastern Kern	El Dorado	Feather River	Imperial	Mojave	Monterey	Northern Sonoma	Placer	Sacramento	San Diego	San Joaquin	San Luis Obispo	Santa Barbara	Shasta	South Coast ^a	Tehama	Ventura	Yolo-Solano
	63 FR 176: 48848	SCM	1113	8-3	230	2.26	410.1A	215	3.15	424	1113	426	485	218	442	67.0.1	4601	433	323.1	3:31	1113	4:39	74.2	2.14
Adopted	Sep 98	Jun 77	Jul 97	Mar 78	July 79	1979	Apr 72	Sep 94	June 91	Nov 82	Feb 79	May 79	Apr-02	Jun 79	Dec 78	Nov 77	Apr 91	Mar-02	Oct 71	May-02	Sep 77	Aug-02	Jun 79	Nov-01
Last Amended	eff 9-99	Oct-07	Jun-13	Jul-09	Aug-02	Jul-02	Mar-10	Sep 94	Sep-14	Feb-10	Apr-12	Aug-12		Oct-10	Sep-15	Jun-15	Dec-09		Jun-14	Jul-05	Jun-11	Feb-14	Jan-10	
Coating Category																								
Wood Preservatives		350	350	350	350	350	350		350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Wood Preservatives, Below Ground	550								350												350			
Wood Preservatives, Clear and Semitransparent	550								350															
Wood Preservatives, Opaque	350								350															
Zinc Rich Primers		340	340	340			340		340	340	340	340		340	340	340	340		340				340	
Zinc Rich Industrial Maintenance Primers																					100			
Zone Marking	450																							
Notes:	<p>*The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113 (g)(2).</p> <p>**Low solids coatings are expressed in grams VOC per liter of coating, including water and exempt compounds</p> <p>Parentheses indicate VOC limits that apply due to the 250 grams per liter default provision, but the limits are not specifically stated in the rule.</p> <p>Brackets indicate future effective dates and VOC limits.</p> <p>The EPA rule states that if a coating is not defined in the table above, it falls into the flat (250 g/l) or nonflat (380 g/l) category based on the gloss level, and the applicable limit applies.</p> <p>The ARB 2000 SCM and many district rules state that if a coating is not defined in the table above, it falls into the flat (100 g/l 1/1/2003) or nonflat (150 g/l 1/1/2003) category based on the gloss level, and the applicable limit applies.</p> <p>California districts not mentioned in this table are subject to the VOC limits in the U.S. EPA National Architectural Coating Rule</p> <p>^a Please note that effective January 1, 2014, The South Coast Air Quality Management District also has VOC limits for colorants. Please refer to Rule 1113.</p>																							