



2016 California Green Building Code City of Beverly Hills Amendments

MANDATORY REQUIREMENTS CHECKLIST FOR RESIDENTIAL BUILDINGS (COMPLETE AND INCORPORATE THIS FORM INTO THE PLANS)

ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A)	COMMENTS (e.g. note #, detail # or reason for N/A)
PLANNING AND DESIGN				
1	4.106.2	Storm water drainage and retention during construction		
2	4.106.3	Grading and paving		
3	4.106.4	Electrical vehicle (EV) charging for new construction		
4	4.106.5	Landscape design ^{BH}		
5	4.107	Prewiring for future solar ^{BH}		
6	4.107.1	Off-grid Prewiring for future solar ^{BH}		
ENERGY EFFICIENCY				
7	4.210.1	Meet California Energy Code		
WATER EFFICIENCY & CONSERVATION				
8	4.303.1	Water conserving plumbing fixtures and fittings		
9	4.303.1.1	Water Closets		
10	4.303.1.2	Urinals		
11	4.303.1.3	Showerheads		
12	4.303.1.4	Faucets		
13	4.304.1	Outdoor potable water use in landscape areas		
14	4.304.1	Metering outdoor water use ^{BH}		
15	4.305	Cooling Towers ^{BH}		
MATERIAL CONSERVATION & RESOURCE EFFICIENCY				
16	4.406.1	Rodent proofing		
17	4.408.1	Construction waste reduction of at least 65%		
18	4.408.2	Construction waste management plan		
19	4.408.3	Waste management company		
20	4.408.4	Waste stream reduction alternative [LR]		
21	4.410.1	Operation and maintenance manual		
22	4.410.2	Recycling by occupants		
ENVIRONMENTAL QUALITY				
23	4.503	Fireplaces		
24	4.504.1	Covering of duct openings and protection of mechanical equipment during construction		
25	4.504.2.1	Adhesives, sealants, caulks		
26	4.504.2.2	Paints and coatings		
27	4.504.2.3	Aerosol paints and coatings		
28	4.504.2.4	Verification		
29	4.504.3	Carpet systems		
30	4.504.3.1	Carpet cushion		
31	4.504.3.2	Carpet adhesive		
32	4.504.4	Resilient flooring systems		
33	4.504.5	Composite wood products		
34	4.505.2.1	Capillary break		
35	4.505.3	Moisture content of building materials		
36	4.506.1	Bathroom exhaust fans		
37	4.507.2	Heating and air-conditioning system design		

TABLE 4.504.3/TABLE 5.504.4.3
VOC CONTENT LIMITS FOR ARCHITECTURAL COATING^{2,3}
 Grams of VOC per Liter of Coating,
 Less Water and Less Exempt Compounds

COATING CATEGORY	VOC LIMIT	COATING CATEGORY	VOC LIMIT
Flat coatings	50	Magnesite cement coatings	450
Nonflat coatings	100	Mastic texture coatings	100
Nonflat high-gloss coatings	150	Metallic pigmented coatings	500
SPECIALTY COATINGS		Multi-color coatings	250
Aluminum roof coating	400	Pretreatment wash primers	420
Basement specialty coatings	400	Primers, sealers, and undercoaters	100
Bituminous roof coatings	50	Reactive penetrating sealers	350
Bituminous roof primers	350	Recycled coatings	250
Bond breakers	350	Roof coatings	50
Concrete curing compounds	350	Rust preventative coatings	250
Concrete/masonry sealers	100	Shellacs: Clear Opaque	730 550
Driveway sealers	50	Specialty primers, sealers and undercoaters	100
Dry fog coatings	150	Stains	250
Faux finishing coatings	350	Stone consolidants	450
Fire resistive coatings	350	Swimming pool coatings	340
Floor coatings	100	Traffic marking coatings	100
Form-release compounds	250	Tub and tile refinish coatings	420
Graphic arts coatings (sign paints)	500	Waterproofing membranes	250
High-temperature coatings	420	Wood coatings	275
Industrial maintenance coatings	250	Wood preservatives	350
Low solids coatings ¹	120	Zinc-rich primer	340

1. Grams of VOC per liter of coating, including water and including exempt compounds.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table.
3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008. More information is available from the Air Resources Board.

**TABLE 4.504.1/TABLE 5.504.4.1
ADHESIVE VOC LIMIT^{1,2}**

Grams of VOC per Liter of Coating,
Less Water and Less Exempt Compounds

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
Indoor carpet adhesives	50
Carpet pad adhesives	50
Outdoor carpet pad adhesives	150
Wood flooring adhesives	100
Rubber floor adhesives	60
Subfloor adhesives	50
Ceramic tile adhesives	65
VCT and asphalt tile adhesives	50
Drywall and panel adhesives	50
Cove base adhesives	50
Multipurpose construction adhesives	70
Structural glazing adhesives	100
Single-ply roof membrane adhesives	250
Other adhesives	50
SPECIALITY APPLICATIONS	
PVC welding	510
CPVC welding	490
ABS welding	325
Plastic cement welding	250
Adhesive primer for plastic	550
Contact adhesive	80
Special purpose contact adhesive	250
Structural wood member adhesive	140
Top and trim adhesive	250
SUBSTRATE SPECIFIC APPLICATIONS	
Metal to metal	30
Plastic foams	50
Porous material (except wood)	50
Wood	30
Fiberglass	80
1. If an adhesive is used to bond dissimilar substrates together, the adhesive with the highest VOC content shall be allowed.	
2. For additional information regarding methods to measure the VOC content specified in this table, see South Coast Air Quality Management District Rule 1168	

TABLE 4.504.2/TABLE 5.504.4.2 SEALANT VOC LIMIT Less Water and Less Exempt Compounds in Grams Per Liter	
SEALANTS	CURRENT VOC LIMIT
Architectural	250
Marine deck	760
Nonmembrane roof	300
Roadway	250
Single-ply roof membrane	450
Other	420
SEALANT PRIMERS	
Architectural	
Nonporous	250
Porous	775
Modified bituminous	500
Marine deck	760
Other	750
Note: For additional information regarding methods to measure the VOC content specified in this table, see South Coast Air Quality Management District Rule 1168.	

TABLE 4.504.5/TABLE 5.504.4.5 FORMALDEHYDE LIMITS ¹ Maximum Formaldehyde Emissions in Parts per Million	
PRODUCT	CURRENT LIMIT
Hardwood plywood veneer core	0.05
Hardwood plywood composite core	0.05
Particleboard	0.09
Medium density fiberboard	0.11
Thin medium density fiberboard ²	0.13
<p>1. Values in this table are derived from those specified by the California Air Resources Board, Air Toxics Control Measure for Composite Wood as tested in accordance with ASTM E 1333. For additional information, see <i>California Code of Regulations</i>, Title 17, Section 93120 through 93120.12.</p> <p>2. Thin medium density fiberboard has a maximum thickness 5/16 inch (8mm).</p>	