

DIVISION 09 - FINISHES

PLASTER AND GYPSUM BOARD	09 20 00
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Lightly textured finish. Smooth finish may be used in specific areas if approved by the University's Representative.

ACOUSTICAL CEILINGS	09 51 00
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Heavy-duty suspended grid.

RESILIENT FLOORING	09 65 00
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Chemical-use laboratories, glass wash or other areas where liquids are used or stored shall have watertight flooring. Provide seam sealed sheet vinyl flooring with at least a 4-inch continuous cove or equivalent. Flooring material to be compatible with the chemicals to be used or stored.

Flooring at Permanent Cabinets: Resilient flooring is required under fixed floor cases and cabinets.

Adhesives and primers shall meet the following VOC limits:

Adhesives	VOC Limit g/L)
Rubber Floor Adhesive	60
Sub-floor Adhesive	50
VCT and asphalt tile Adhesive	50
Cove Base Adhesive	50
All others	250
Sealant Primers	
Other	750
Requirements from South Coast Air Quality District Rule 1168 (10/3/03) except for aerosol adhesive requirements which come from Green Seal Standard GS 36 (10/19/00). Applicable definitions apply.	

CARPETING	09 68 00
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Colors and shades selected should be of medium intensity (not so light as to easily show soiling, or so dark as to show dust and lint). Multi-colored heathers and non-directional patterns are desirable for their soil-hiding capability. Solid color carpet should not be used.

Carpet shall be certified by the California Gold Sustainable Carpet Standard at the gold or platinum level. Carpet tile systems must not exceed the target emissions factors of the Carpet and Rug Institute's following programs:

1. Carpet: Green Label Plus Program and Testing Procedures.
2. Carpet Cushion: Green Label Program and Testing Procedure
3. Carpet Adhesive: Green Label Program and Testing Procedure.

Handicapped Requirement - $4500 \text{ (min)} = (\text{yarn weight}) (36) \text{ divided by pile height.}$

ROLL CARPET

Type: Carpet shall be installed by direct glue-down method, unless otherwise noted, and shall be a woven or tufted product, meeting or exceeding the following criteria.

Construction - Woven or tufted

Texture - Loop pile

Fiber - 3rd or 4th generation continuous filament soil hiding nylon; Allied Chemical, DuPont, Badische, or equal.

Face Weight:

Woven: Minimum 25 oz.

Tufted: Minimum 28 oz.

Gauge: Minimum 1/8 inch

Density:

Woven: Minimum 5100

Tufted: Minimum 6000

Warranty: 10 year limited wear warranty.

CARPET TILE

Carpet Type: Carpet tile shall be manufactured by Interface, Bentley, or equal, and in accordance with the following specifications.

Yarn - 100 percent Zeftron nylon with static control.

Gauge - 85 sq. inches

Yarn Weight - 28 oz./sq. yard

Stitches/6 inc. - 55.2.

Pile Height - 0.250 in.

Tile Size - 18 inches by 18 inches

PAINTING AND COATING

09 90 00

Materials shall be top-of-the-line products by firms with over 5 years manufacturing experience with a full product line. Prime coats and finish coats for any 1-paint system shall be the products of the same manufacturer.

Architectural coatings must comply with the following maximum emissions criteria and material prohibitions:

Interior Coatings		VOC Limit g/L)
Non-flat		150
Flat		50
Exterior Coatings		
Non-flat		200
Flat		100
Anti-corrosive Coatings (ferrous)		
Gloss, Semi-gloss and Flat		250
Requirements from Green Seal Standard GS 11 (10/19/00) and GC 03 (1/7/97). Applicable definitions apply.		

1. Aromatic Compounds: the product must contain no more than 1.0% by weight of the sum total of aromatic compounds. Testing for the concentration of these compounds will be performed if they are determined to be present in the product during a materials audit.
2. Prohibited Chemicals: the manufacturer shall demonstrate that the following chemical compounds are not used as ingredients in the manufacture of the product.
3. Halomethanes: methylene chloride
4. Chlorinated ethanes: 1,1,1-trichloroethane
5. Aromatic solvents: benzene, toluene (methylbenzene), ethylbenzene
6. Chlorinated ethylenes: vinyl chloride
7. Polynuclear aromatics: naphthalene
8. Chlorobenzenes: 1,2-dichlorobenzene
9. Phthalate esters: di (2-ethylhexyl) phthalate, butyl benzyl, phthalate, di-n-butyl phthalate, di-n-octyl phthalate, diethyl phthalate, dimethyl phthalate
10. Miscellaneous semi-volatile organics: isophorone
11. Metals and their compounds: antimony, cadmium, hexavalent chromium, lead, mercury
12. Preservatives (antifouling agents): formaldehyde
13. Ketones: methyl ethyl ketone, methyl isobutyl ketone
14. Miscellaneous volatile organics: acrolein, acrylonitrile

EXECUTION

Backprime all wood installed against steel, concrete, plaster, or tile, and all wood with surfaces exposed in exterior locations.

A single color matching walls and ceilings shall be used on all surfaces. Visible surfaces behind vents, grilles, etc., shall be painted flat black. Insides of all drawers, shelves inside cabinets, and other wood surfaces where scheduled or noted shall be given one coat of clear gloss lacquer, or clear polyurethane-base varnish.

VENTILATION

The room/space shall be supplied with 100 percent outside air during painting and for a period of 72 hours following completion of painting. The air leaving the room/space shall be exhausted only to the outside, with no distribution to any occupied spaces during painting and for a period of 72 hours following completion of painting.