MARIN COUNTY COMMUNITY DEVELOPMENT AGENCY
ENVIRONMENTAL HEALTH SERVICES

ACCEPTED WALL AND CEILING MATERIALS

The following list and standards have been compiled by Marin County Environmental Health Services for a "durable, SMOOTH, nonabsorbent, and EASILY CLEANABLE surface" for walls and ceilings in food facilities as required by California Retail Food Code (CalCode), Section 114271.

Paint colors, wall tiles, wall panels and ceiling tiles, when combined with the required lighting, shall provide the following as measured from a distance of 30" above the floor:

1. 10-foot candles in dry FOOD storage areas.
2. 20-foot candles in areas for customer self-service, or where fresh produce or prepackaged foods are sold or offered for consumption, handwashing and WAREWASHING areas, EQUIPMENT and UTENSIL storage, and in toilet rooms.
3. 50-foot candles where a FOOD EMPLOYEE is working with FOOD, UTENSILS or EQUIPMENT, where EMPLOYEE safety is a factor and in other areas and rooms during periods of cleaning.

Materials not listed may be submitted for evaluation if they meet the following standards:

I. PAINT

Standards

a. Durable.
b. Gloss or semi-gloss.
c. Lead-free.
d. Non-toxic.
e. EASILY CLEANABLE.

Application

a. Apply to a smooth surface such as dry wall or plaster.
b. Do not "texture" or "stipple" surface of dry wall or plaster.
c. Paint will not provide an acceptable surface for primary or secondary FOOD contact surfaces, refrigerated areas or a wall behind large cooking equipment.
d. Paint alone is not acceptable for high moisture or wear areas, such as WAREWASHING EQUIPMENT, mop sink areas, and the wet side of a bar, including the underside of the counter on the employee side.

II.   WALL PANELS

Standards

a. Durable wear layer.
b. SMOOTH, non-grooved and EASILY CLEANABLE surface.

Installation

a. As per manufacturers standards.
b. Eliminate all gaps and voids between panels with divison mouldings (connector strips). Adjacent surfaces are to be sealed to exclude insect harborage and to maintain cleanability at the edges of the connector strips.
c. Metal panels are commonly used for refrigeration, cooking and utensil washing areas.
d. Plastic composite panels (FRP) are commonly used for refrigeration, high moisture and high use areas.
e. Panels behind WAREWASHING, FOOD PREPARATION and janitorial sinks shall be installed a MINIMUM of eight feet high.
f.   Wall panels must be installed with connector strips between panels "and" on the top and bottom of the panels.

ACCEPTED WALL PANELS

Aluminum	Lasco "Lasco Lite"
Stainless Steel	"FRP"
Amspec "Deraspan"	UMC "Fire-x Glasboard"
Xerxes "Ornyte"	

NOTE: "FRP" = Fiberglass Reinforced Polyester Panel
        FRP installation must include panel edges, inside and outside
        corners and division moldings (connector strips) on four sides.

III. *CERAMIC TILE*

Standards

a. Minimum thickness 1/4 inch and impact resistant.
b. Durable, SMOOTH, nonabsorbent and EASILY CLEANABLE.
c. Glazed surface.

Installation

a. Grout is to be sealed to be impervious to water, grease and acid.
b. Tile is commonly used in restrooms, adjacent to food handling counters, waitress or bussing stations, self-service stations, and at WAREWASHING and FOOD PREPARATION sinks.
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ACCEPTED CERAMIC TILE

American Olean
American Ceramic
Florida Tile
Mid State Tile
Dal Tile

IV.   SUSPENDED CEILING PANELS

Standards

a. Durable..
b. SMOOTH
c. Nonabsorbent
d. Non-perforated
e. EASILY CLEANABLE

Installation

a. As per manufacturer's instructions for level suspended ceiling grids.
b. Hold down clips are recommended.

ACCEPTED CEILING PANELS

Armstrong *868/*870 VL Fire Guard (Non-Perforated)
Armstrong #1721 Mylar Fire Guard
Capaul Corporation Vinylrock CRF
Capaul Corporation Environgard CRF (both sides)
Domtar Gypsum White Vinyl Facing Panel

FRP Ceiling Panels:
   a.   .090 inch Pebble Finish
   b.   .030 inch Laminated to 5/8" Gypsum Panel
   c.   .030 inch Laminated to Class A/1 5/8" Gypsum Panel

US Gypsum Vinyl Rock #3270
US Gypsum #56091 Clean Room Class 100

This list is subject to revision. Alternative finishes other than those listed above may be submitted directly to Marin County Environmental Health Services for review prior to purchase or installation.