

ATTACHMENT #4

ACCEPTED FLOORING MATERIALS Manufacturers and Distributors

The following list and standards were compiled by San Luis Obispo County Environmental Health Services (EHS) for "smooth continuous flooring" required by the California Health and Safety Code, Section 114150 for food facilities. Materials not listed may be submitted for evaluation if they meet the following standards:

1. Floor surfaces shall be smooth, easily cleanable, light colored, and non-absorbent.
 2. **Note: Vinyl Tile (VCT, VAT) Vinyl tile is not acceptable for floors in any area except customer dining or pre-packaged retail display.**
- I. Commercial Sheet Vinyl

If sheet vinyl flooring is proposed, check the manufacturer's specifications and recommendations. While sheet vinyl flooring may perform well in many food service areas (i.e., retail sales areas, dining rooms, waitress stations), some manufacturers do not recommend its use in portions of a commercial kitchen. If you have any questions regarding the accepted flooring manufacturers' recommendations, check with your flooring dealer and/or your plan check specialist. Sheet vinyl generally is not approved for use in areas with heavy equipment, e.g., cooking equipment, refrigerators, etc.

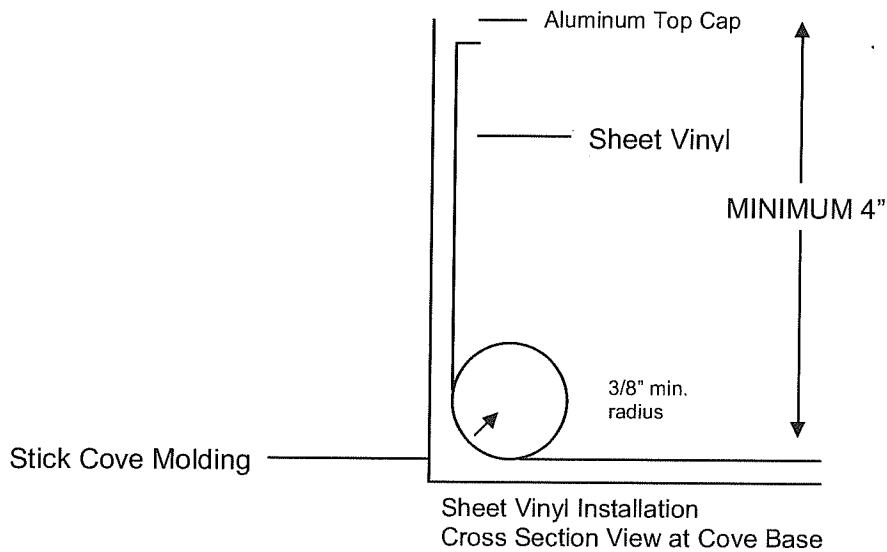
Standards:

- A. Inlaid vinyl composition (no embossed imprinting on wear layer surface).
- B. Vinyl wear layer surface thickness .050 inch minimum.
- C. Vinyl shall not have a "No Wax" manufactured surface coating.

Installation:

- A. Flooring shall continue up walls, partitions and cabinetry for at least four (4) inches, forming an integral 3/8-inch minimum radius cove base. The cove base must be backed with a cove molding and topped with a metal cap. Vinyl or rubber top set base is not acceptable.
- B. Manufacturer's installation criteria and standards must be followed.
- C. All seams must be "heat welded" or "chemically sealed" to form a continuous sheet vinyl surface.

- D. If floor drains are proposed, specifications on the type of floor drain must be submitted to EHS for evaluation of the drain. Approval of the floor drain(s) shall be obtained from EHS prior to installation.
- E. Sheet vinyl flooring may not be installed in areas maintained below a temperature of 55° F.
- F. Non-skid flooring with an abrasive texture shall be limited to traffic areas only, and not under equipment.



Product Manufacturers

Also included with these acceptable flooring materials is a partial list of the product manufacturers. Contact these manufacturers to locate a distributor or supplier in your area.

NOTE: SAN LUIS OBISPO COUNTY ENVIRONMENTAL HEALTH SERVICES DOES NOT ENDORSE ANY PRODUCTS OR VENDORS MENTIONED ON THIS LIST.

Accepted Commercial Sheet Vinyl

Altro "Safety Floor" (X25, K35, D25) May be installed with floor drains.

	Altro, North American 467 Forbes Blvd. San Francisco, CA 94080	800/941-1696 E-mail info@altrfloors.com E-mail west@altrofloor.com Web www.altrofloors.com
Armstrong	"Classic Corlon" (86,000 series) "Multitech" (85,000 series) "Medintech" (86,000 series) "Possibilities" (86,000 series) "Safeguard" (31,000 series) "Commission Plus" (80,000 series)	Armstrong World Industries P. O. Box 3001 Lancaster, PA 17604-3001 Southgate, CA Plant Local Rep.: Julie Kaeser 877/276-7876 ext. 8981 Web www.armstrong.com
Forbo	"Tractionstep" (1300/13000 series) Forbo Linoleum, Inc. P. O. Box 667 Humbolt Industrial Park Hazelton, PA 18201	800/842-7839 E-mail mlorenzi@fl-na.com Web www.forbolinoleumna.com
Lonseal	"Londura" Lonseal, Inc. 928 East 238 th St., Bldg. A Carson, CA 90745	800/832-7111 E-mail info@lonseal.com Web www.lonseal.com
Mannington	"Fine Fields" (10,000 series) "Lifelines" (13,000) series "Bio Spec" (15,000 series) "Assurance" (16,000 series) "Architextures" (17,000 series) "Magna Multiflec" (18,000 series) "Magna Micaflec" (19,000 series)	Mannington Mills 75 Mannington Mills Road Salem, New Jersey 08079 856/935-3000 Web www.mannington.com
Marley	"Safetred Universal" "Safetred Dimension" "Matrix" "Marleyflor Plus"	Marley Floors, Kent, England E-mail info@marley.com Web www.marleyfloors.com USA Longust Dist., Inc. Mesa, Arizona 480/730-3380 Web www.longust.com
Polyflor"XL" and "XL2000"	 Polyflor (Adams & Assoc.) 18840 7 th St, East Sonoma, CA 95476	 707/938-8431 E-mail info@polyflor.com Web www.polyflor.com

Protect-All
Oscoda Plastics, Inc.
5585 North Huron Avenue
Oscoda, MI

800/544-9538
E-mail sales@oscodaplastics.com
Web www.oscodaplastics.com

Tarkett
"Optima" (5800 series)
"Grantit Acoustiflor" (21,000 series)
"Coordinator Plus" (77,000 series)
"Safe-T-Sheet"

Domco Tarkett, Inc.
Tarkett/Sommer
P. O. Box 2467
Houston, TX 77252
800/465-4030
Web www.domcotarkett.com
www.tarkettsommerusa.com

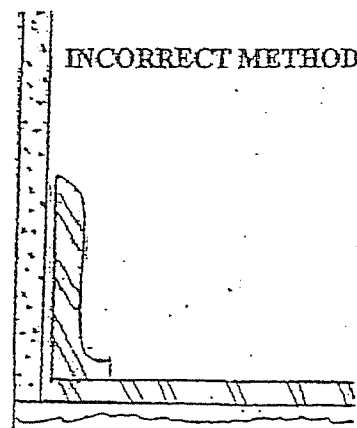
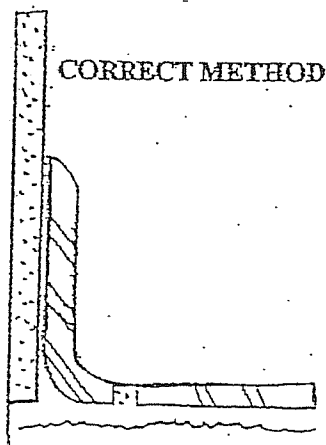
II. Quarry or Ceramic Tile

Standards:

- A. Minimum thickness $\frac{1}{4}$ inch and must be impact resistant.
- B. Non-skid varieties must be reviewed on an individual basis, and shall be installed with floor drains and a high pressure cleaning system. This type of floor tile shall be limited to traffic areas. Cove base and tiles under equipment must be smooth.

Installation:

- A. The grout spacing width between tiles shall not exceed $\frac{1}{4}$ inch.
- B. Grout between ceramic tiles and quarry tiles, without a glazed surface finish, must be sealed to be impervious to water, grease, and acid.
- C. Flooring shall continue up the walls, partitions, and cabinetry for at least four (4) inches, forming an integral $\frac{3}{8}$ -inch minimum radius cove base. The tile shall have a "bull-nose" design at the top where it meets the wall.



Quarry/Ceramic Tile Floor and Cove Base Installation

III. Troweled Epoxy Type Floor

- A. Minimum finish thickness shall be 3/16 inch.
- B. The surface shall be sealed to be impervious to water, grease, and acid.
- C. Flooring shall continue up the walls, partitions, and cabinetry for at least four (4) inches, forming an integral 3/8 inch minimum radius cove base.
- D. Non-skid flooring with an abrasive texture shall be limited to traffic

areas only. Cove base and floor surface areas under equipment shall be smooth. Depending on the degree of abrasive finish texture achieved, a high pressure cleaning system and floor drains may be required.

Accepted Troweled or Poured Epoxy Floor

Aggre-Deck Industrial 1817	Wedco Products Solo-Lynch Corporation 10747 Patterson Place Santa Fe Springs, CA 90670	562/903-9626
Armor Coat / Steel Shield	Arizona Polymer 7731 N. 68 th Ave. Glendale, AZ	800/562-4921 E-mail azpoly2@qwest.com Web www.apfepoxi.com
Bedrock Troweled Epoxy Broadcast Cementious	Bedrock Resin Corp. 164 Central Ave. Farmingdale, NY 11735	631/752-8076 E-mail info@bedrockresin.com Web www.bedrockresin.com
Chemi-top 300 Chemi-top 700, 710, 720 Color-Crete	Garland Floor Co(West) 176 Lambert St. Oxnard, CA 93030	800/321-2395 E-mail mflanagan@garlandfloor.com Web www.garlandfloor.com
ConoCrete 101 & 105 Epoxy Novalak 118	Sauereisen 160 Gamma Drive Pittsburgh, PA 15238	412/963-0303 E-mail questions@sauereisen.com Web www.sauereisen.com
Degadur Flooring Systems	Specialty Resin Systems SRS 173 Interstate Lane Waterbury, CT 06705	800/477-4545 E-mail srs-information@degussa.com Web www.silikalresins.com
Dex-O-Tex Cheminert Dex-O-Tex Chem-Rez Dex-O-Tex Neotex Dex-O-Tex Tek-Crete	Dex-O-Tex Div. of Crossfield Products 3000 E. Harcourt St. Rancho Dominguez, CA 90221	310/886-9100 Web www.dex-o-tex.com
Duraltex Floor Systems	Tamms Industries 3835 State Route 72 Kirkland, IL 60146 800/862-2667	E-mail sales@tamms.com Web www.tamms.com
Dura-Flex "Shop floor"	Dura-Flex, Inc. 95 Goodwin St. East Hartford, CT 06128 800/968-0636	West Coast division Clayton Moore 909/304-9396 E-mail chemcdm@aol.com

Epiquartz	Superior Polymer Products 4525 Renaissance Rd. Calumet, MI 49913	906/337-3355 E-mail main@superiorpolymer.com Web www.superiorpolymer.com
Kitchen Epoxy 3563 / 3563P Gen. Epoxy 3561, 3561P, 3548P	General Polymers Corp. Div. of Sherman Williams 145 Caldwell Dr. Cincinnati, OH 45216 800/543-7694	Sylmar, CA 800/624-5041 L.A. Area Rep. Chris Popham E-mail info@generalpolymers.com Web www.generalpolymers.com
Mosaic Blend	(see Garland Floor Co.)	
MiraCote Concrete Renewal System	Crossfield Products Corp. 300 E. Harcourt St. Rancho Dominguez, CA 90221	310/886-9100 E-mail miracote@crossfieldproducts.com Web www.miracote.com
Permatec 3000, 4000, 5000	Chemproof Polymer Flooring 2750 W. Charles Page Blvd. Tulsa, OK 74127	918/584-0364 E-mail sales@chemproof.com
Poly Armorshield Poly Coat & Poly Coat HTH Poly Gard Poly Krete MP, 200 Poly Seal 3300	Delta Polymers, Inc. 130 S. Second St. North Bay Shore, NY 11706 800/966-5142	E-mail sales@deltapolymers.com Web www.deltapolymers.com
Power-Tread Series 237	(see Tnemec High Performance Coatings)	
Selby/Ukcrete (Flooring Systems)	Selby / Ukcrete Flooring Div. 23700 Chagrin Blvd. Cleveland, OH 44122	800/445-6182 E-mail webmaster@selby-crete.com Web www.selby.crete.com
Sikafloor (90/90X)	Sika Corporation 210 Polito Ave. Lyndhurst, NJ 07071	201/933-8800 E-mail info@sika-corp.com Web www.sikacorp.com
Stonhard HRI, HDI, GSI, & UT	Stonhard, Inc. One Park Ave. Maple Shade, NJ 08052	800/257-7953 E-mail stonhard.marketing@stonhard.com Web www.stonhard.com
Stratashield Series 223 Deco-Trowel Series 232 Chemtread Series 237 Powertread	Tnemec High Perf. Coatings 6800 Corporate Dr. Kansas City, MS 64120-1372 866-STRATA2	417 East Weber St. Compton, CA 90222-1424 310/639-9810 Web www.tnemec.com
Techfloor (Monile Floor System)	Mameco International, Inc. Division Monile 4475 E. 175 th St. Cleveland OH 44128-3599	800/321-6412 E-mail info@techfloor.cz Web www.techfloor.cz
Toughstuff	Toughstuff Safety Floors 2714 N. California St. 91504 Burbank, CA 91504	818/329-0026
WedCon	Wedcon Systems, Inc. 1660 Chicago Ave., #N9 Riverside, CA 92507	909/778/1172

IV. Sealed Concrete

If sealed concrete is proposed, check the manufacturer's specifications and recommendations. Most sealers should be reapplied every six months. If you have any questions regarding the approved sealers, check with your plan check specialist. A sealed concrete floor must be installed with an approved cove base, see section V.

Standard:

The finished surface shall be smooth, easily cleanable and sealed to be impervious to water, grease, and acid.

Installation:

- A. The floor shall be a smooth, single pour variety.
- B. Flooring shall continue up the walls, partitions, and cabinetry for a minimum of four (4) inches forming a 3/8-inch minimum radius cove base.
- C. The floor shall be sealed with an Environmental Health Department approved, USDA approved, 2-component water based epoxy concrete floor sealer.
- D. Concrete floors with cracks, open seams, pitted, chipped, or rough surface areas, shall be repaired prior to installation of concrete sealer.
- E. Concrete floors that have been excavated for placement of plumbing or other equipment must be covered with an approved flooring material.
- F. Paint is not an acceptable floor finish.

Accepted Concrete Sealers

Amercoat 335 (USDA approved, for incidental food contact)	Ameron International Performance Coatings Southwest Warehouse 210 N. Berry St. Brea, CA 92621	800/825-5075 Web www.ameroncoatings.com
AZ Polymer Epoxy (#100, #300, #600)	Arizona Polymer 7731 N. 68 th Ave. Glendale, AZ 85303	800/562-4921 E-mail azpolv2@qwest.net Web www.apfepoxy.com
Aqua Poly Aqua Slick WBE	Sound Specialty Coatings Corp. P.O. Box 13160 Burton, WA 98013	800/261-4207 E-mail sales@sscoatings.net Web www.sscoatings.com
AquaRock	Progressive Epoxy Polymer 48 Wildwood Dr. Pittsfield, NH 03263	603/435-7199 E-mail info@epoxyproducts.com Web www.epoxyproducts.com
Aqua-Tile / Insl-Tile	Insl-X Corp. 50 Holt Drive P.O. Box 694 Stony Point, NY 10980	845/786-5000 E-mail customer-care@insl-x.com Web www.Insl-x.com
"Coating Systems" #222 – Water-based	Epoxy Systems, Inc. Dunnellon, FL	E-mail info@epoxv.com

#223 – Clearwater Based #226 – Fast-setting Water Based	352/489-1666	Web www.epoxysystems.com
Devthane 379 UVA	Devoe High Perf. Coatings ICI Paints Cleveland, OH 44115 888/654-2616	888/424-2847 E-mail devoerequest@prospec.com Web www.devoecoatings.com
Dural 356	Tamms Industries 3835 State Route 72 Kirkland, IL 60146	800/862-2667 E-mail sales@tamms.com Web www.tamms.com
Epoxy Bond 440W	Superior Polymer 4525 Renaissance Rd. Calumet, MI 49913	906/337-3355 E-mail main@superiorpolymer.com Web www.superiorpolymer.com
Perma-Seal II Perma-Seal II (grey)	Perma, Inc. 605 Springs Rd. Bedford, MA 01730	978/667-5161 E-mail info@perma.com Web www.perma.com
Res-Crete H20 Res-Crete 7	Pacific Polymers International 12271 Monarch Street Garden Grove, CA 92841	800/888-8340 E-mail stephanc@pacpoly.com Web www.pacpoly.com
Rustoleum 6000 System	Rust-Oleum Corporation 11 Hawthorne Parkway Vernon Hills, IL 60061 800/323-3584	Web www.rustoleum.com Web www.vistapaint.com Web www.kelly-moore.com
Select Epoxy-Kote WB-88	Select Products Co. 1131 W. Baker St. Costa Mesa, CA 92626	714/429-0808
StrataShield Enviro-Tread (Series 287)	Tnemec High Perf. Coatings 6800 Corporate Dr. Kansas City, MS 64120-1372 866/STRATA2	417 East Weber St. Compton, CA 90222-1424 310/639-9810 Web www.tnemec.com
Tech-Gard Water Borne Epoxy	Pratt/Lambert Indust. Coatings Spectra Paint Center Pasadena 626/793-5155 Van Nuys 818/786-5610	888/411-PAINT E-mail mail@spectrapaint.com Web www.spectrapaint.com
Tru-Glaze WB 4406 & 4408 Tru-Glaze 4030 & 4418	(see Devoe High Perf. Coatings)	
Water-Based Epoxy NP010 clear NP013 clear NP015 colors	A & A Industrial Coatings P.O. Box 1415 Sioux City, IOWA 51102	E-mail info@aa-industrial.com Web www.aa-industrial.com

V. Cove Base

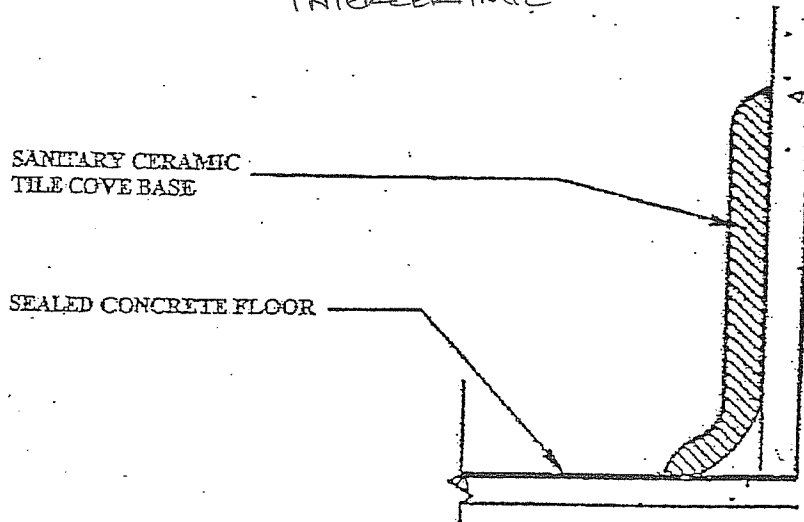
A minimum 4-inch high sanitary ceramic tile cove topset base is acceptable only on sealed concrete floor surfaces.

Note 1: Vinyl or rubber topset base will not be accepted in any areas of a food facility in which a smooth, continuous, cove floor is required.

Note 2: In walk-in coolers, a metal topset base may be installed in lieu of a continuously coved flooring against the metal walls, (galvanized topset cove base is not approved.) The base must have a minimum of 3/8 radius cove and be sealed to both the floor and the wall.

Accepted Sanitary Ceramic Tile Cove Topset Bases:

HP / S3619T (6" high)	Huntington Pacific Ceramics, Inc. 1700 E. Winston Rd. Anaheim, CA	714/778-6171
B & W / 3619T (6" high) B & W / S3419T (4" high)	B&W Tile Co., Inc. 14600 S. Western Ave. Gardena, CA 90249-3306 310/538-9579	3325 Russell St. Riverside, CA 909/715-4620
S3619T	SIERRA TILE CO. INTERCERAMIC	OR (714) 778-6171



TYPICAL COVE BASE DETAIL ON CONCRETE FLOOR