

09000 Finishes

09310 Ceramic Tile

Tile is an inherently low-toxic, water-proof, durable finish material for flooring, walls, and other applications. While tile is somewhat energy-intensive to manufacture, the materials involved are readily available and mined with fairly low impact. Some products are made from post-consumer or post-industrial wastes.

Eco-Cycle and Eco-Cycle Stone

Crossville Porcelain Stone
P.O. Box 1168
Crossville, TN 38557

Phone: 931-484-2110
www.crossville-ceramics.com

Crossville Porcelain Stone offers a line of ceramic tile called GeoStone EcoCycle made from 50–100% unfired raw materials generated during the manufacturing process of standard-color porcelain tiles, including a small percentage of dust from the air and water filtration systems. The tiles measure 12" x 12" with matching 4" x 12" bullnose trim. Available in five colors, GeoStone EcoCycle is recommended for interior floors and walls as well as exterior walls.

Debris Series Ceramic Tile

Fireclay Tile
495 W. Julian St.
San Jose, CA 95110
Phone: 408-275-1182
www.fireclaytile.com

Fireclay Tile manufactures the Debris Series of handmade tile using post-industrial and post-consumer recycled material. The Debris Series' terra cotta clay body contains 47.5% recycled broken window panes and clear glass bottles. These tiles are finished with lead-free transparent glazes.

Eco-Tile

Quarry Tile Company
6328 E. Utah Ave.
Spokane, WA 99212
Phone: 509-536-2812
Fax: 509-536-4072
www.quarrytile.com

Eco-Tile™ is a commercial-grade, glazed ceramic tile made with approximately 70% recycled solid waste as defined by the EPA's CPG program. This waste content is made up of post-consumer recycled glass (about 25%), post-industrial grinding paste from the

computer industry, and post-industrial mining waste from the sand and gravel industry (post-industrial content about 45%). The company also utilizes reprocessed glaze waste from their other manufacturing operations. Glaze from overspray, body scrap, and process waste is recycled in a closed-loop, zero-discharge, water reclamation system. Eco-Tile may contain up to 10% by weight of this material. All the recycled content in Eco-Tile comes from within a 10- to 350-mile radius of the plant and replaces virgin materials from as far away as 2,300 miles. Currently produced in over 50 colors and 5 sizes, Eco-Tile must be special-ordered (minimum 300 ft²).

09320 Recycled-Glass Tile

A number of attractive specialty tiles are produced from recycled glass. (See also 09400 - Terrazzo.)

Architectural Accents

Aurora Glass
2345 W. Broadway
Eugene, OR 97402
Toll-free: 888-291-9311
Phone: 541-681-3260
Fax: 541-681-8755
www.auroraglass.org

Aurora Glass Architectural Accents include glass tiles, rosette blocks, sconces, and drawer pulls made from 100% recycled glass. Aurora Glass is a program of St. Vincent de Paul of Lane County, Inc. The glass foundry's profits support homeless and low-income people through emergency services, housing, jobs, training, and other charitable endeavors.

Blazestone

Bedrock Industries
1401 W. Garfield St.
Seattle, WA 98119
Toll-free: 877-283-7625
Phone: 206-283-7625
Fax: 206-283-0497
www.bedrockindustries.com

Blazestone® tiles are made from 100% recycled glass, most of which is post-consumer content. They come in 2" x 2", 2" x 4", 4" x 4", 5" x 5", 5" x 10", and 4" hex sizes, as well as mosaic pieces. Color varies with the recycled glass materials used. Bedrock also makes architectural accents and non-architectural accessories from recycled glass. Three of the 28 colors offered are made exclusively from 100% post-industrial waste. For the others, the manufacturer has

certified the following recycled-content levels (by weight): total recovered material 100% typical, 100% guaranteed; post-consumer material 50% typical, 50% guaranteed.

Oceanside Glass Tiles

Oceanside Glasstile Co.
2293 Cosmos Ct.
Carlsbad, CA 92009
Toll-free: 877-648-8222
Phone: 760-929-4000
Fax: 760-929-5860
www.glasstile.com

Oceanside produces four styles of tile all handcast from 85% post-consumer recycled glass. They are semi-transparent, have an iridescent surface, and are available in a range of colors. Tessera is available in 29 colors and 3 sizes. Casa California includes larger-format tiles with a full line of decoratives. Minerali is a specialty tile with wide color variation and a textured surface. Haiku features opal glass with Asian motifs.

Recycled-Glass Tiles

Sandhill Industries
6898 S. Supply Rd., Ste. 100
Boise, ID 83716
Phone: 208-345-6508
Fax: 208-345-4424
www.sandhillind.com

Sandhill Industries manufactures wall and floor tile from 100% post-industrial plate glass. The company's manufacturing process can produce both glossy and matte finishes, and results in no wastewater or air emissions. Tiles come in a standard variety of square, bar, and triangle sizes, as well as rail pieces and film-mounted mosaic patterns. A wide assortment of colors, shapes, and textures can be produced by special order.

Terra Classic and Terra Traffic

Terra Green Ceramics
1650 Progress Dr.
Richmond, IN 47374
Phone: 765-935-4760
Fax: 765-935-3971
www.terragreenceramics.com

Terra Green Ceramic Tiles are made with 58% recycled aviation glass. Terra Classic and Terra Traffic (slip-resistant) are each available in 17 colors, several sizes, and with a wide range of accessories.

Most recently mentioned in EBN 3:3, 6:1, 6:5

New

09000
Finishes**09968 Vapor-Retarding Coatings**

These paints provide vapor-diffusion retarders on the inside of exterior walls. They're appropriate in climates where the vapor retarder always belongs on the interior side of perimeter walls—cold climates where air-conditioning is rarely used. (In warm climates and mixed climates, wall systems should be designed to dry to either the interior or exterior.) Vapor-retarding paints can provide a simple, low-cost vapor retarder without modifying the building envelope. Note that even without such paints the wall finish material can provide an air barrier, which is generally more important in controlling moisture migration into walls. (See also 09911 - Interior Paints.)

Prep & Prime Interior Primer/Sealers

The Glidden Company
925 Euclid Ave.
Cleveland, OH 44115

Toll-free: 800-834-6077
Phone: 216-344-8000
Fax: 216-344-8900
www.iciduluxpaints.com

Prep & Prime Odor-Less Primer Sealer (LM9116) is a zero-VOC tintable primer and sealer for interior use. Prep & Prime Vapor Barrier Interior Primer/Sealer (1060) is a latex primer-sealer formulated to reduce the permeability of wall surfaces. It is low-VOC (85 g/l) and tintable; it may also be topcoated with latex or alkyd paints of any finish. This product has a perm rating of 0.6 when applied at a coverage rate of 400 ft²/gal to smooth surfaces, which compares favorably with the performance of a 2-mil-thick sheet of medium-density polyethylene.

Most recently mentioned in EBN 7:8

09970 Coatings for Steel

Paints, rust inhibitors, and other coatings for steel have traditionally been lead-based and/or very high in VOCs. A few environmentally preferable products exist.

MetalCoat Acrylic Metal Primer

American Formulating & Manufacturing (AFM)
3251 Third Ave.
San Diego, CA 92103

Toll-free: 800-239-0321
Phone: 619-239-0321
Fax: 619-239-0565
www.afmsafecoat.com

MetalCoat Acrylic Metal Primer is a thermoplastic emulsion primer fortified with rust-inhibiting pigments. It is designed for use on iron, steel, aluminum, and galvanized metal but is not recommended for copper. The product contains no hazardous chemicals and has a low-VOC content of 44 g/l (88 less water).

CCI 921, CCI 921 High Build, and CCI Flex Cote

Corrosion Control Industries
P.O. Box 4717
Johnson City, TN 37602

Toll-free: 877-661-7878
Phone: 423-926-2423
Fax: 423-926-6556
www.neutralrustinc.com

Corrosion Control Industries, formerly Neutra Rust, markets three products designed to convert rusted surfaces. CCI 921 (formerly 661) converts ferric hydroxide (rust) to ferrous oxide and combines with ferrous oxide to form a black organic ferrosferric complex. CCI 921 High Build (formerly Neutra Rust HB) has triple the solids content for deeply pitted surfaces. CCI Flex Cote (formerly Neutra Rust TL) is a more flexible coating that is shock-resistant. Minimal surface preparation is needed to use these products, avoiding the environmental and monetary costs of sandblasting. They can be topcoated with common paint or left unprotected. VOC levels are fairly low.

Direct to Metal Coating

Fuhr International LLC
P.O. Box 86
Winigan, MO 63566

Toll-free: 800-558-7437
Phone: 660-857-4300
Fax: 660-857-4302
www.fuhrinternational.com

Direct to Metal (DTM) is a low-VOC (32 g/l) acrylic coating for metal surfaces to provide protection against oxidation and corrosion. DTM may be used as both primer and finish, is suitable for interior and limited exterior use, and is available in clear, white, black, primer red, and custom colors.

09980 Coatings for Concrete and Masonry

Federal VOC-content limits include 350 grams per liter for concrete-curing compounds and 700 grams per liter for concrete curing and sealing compounds. A range of products, particularly water-borne ones, are available that fall well below these federal limits.

Penetrating Waterstop

American Formulating & Manufacturing (AFM)
3251 Third Ave.
San Diego, CA 92103

Toll-free: 800-239-0321
Phone: 619-239-0321
Fax: 619-239-0565
www.afmsafecoat.com

Safecoat® Penetrating WaterStop is a zero-VOC sealer that increases water-repellency and helps control the migration of free salts identified as efflorescence on brick walls, concrete foundations, stucco, stone, and most unglazed tile. It is nonflammable and free of formaldehyde and hazardous ingredients.

Intraseal

Conspec®
4226 Kansas Ave.
Kansas City, KS 66106

Toll-free: 800-348-7351
Phone: 913-279-4800
Fax: 913-371-3330
www.conspecmkt.com

Intraseal is a penetrating, water-based, reactive silicate concrete sealer, hardener, and dustproof. Its VOC content is below 100 g/l.

Ashford Formula

Curecrete Distribution, Inc.
1203 W. Spring Creek Pl.
Springville, UT 84663

Toll-free: 800-998-5664
Phone: 801-489-5663
Fax: 801-489-3307
www.ashfordformula.com

Ashford Formula is a permanent, penetrating concrete hardener, densifier, dustproof, and sealer for new or existing concrete. As it progressively seals, the concrete becomes watertight but remains breathable and will develop a shine through use or by scrubbing. The product also locks in salts to eliminate the