



Tips for installing EnviroPLANK™ and EnviroSLAB™

EnviroSLAB and EnviroPLANK consist of approximately 80% recycled glass and/or porcelain aggregate and 20% VOC-free epoxy resin. The hardness of the product, when cured, is similar to that of granite or engineered stones like quartz. Therefore, cutting this material requires a diamond blade wet saw, grinding wheel, and profile bits. We recommend using a resin-bonded diamond polishing pad and standard type router bits. Wear a mask to avoid breathing in any dust.

If your blade is sharp and you move the saw slowly through the material, you will get a very clean cut. Water is required to ensure the product does not get overheated. Most countertop and tile products when cut will result in tiny chipping from the cutting tool. The edges can be slightly beveled to eliminate the chipping or you can fill in any pinholes with Home Depot's Traffic Master™ un-sanded grout. Most of the standard EnviroGLAS epoxy colors correspond to Traffic Master colors. Laticrete and Mapei Kerapoxy grouts are also compatible.

EnviroSLAB

EnviroSLAB countertops are 27" x 84" x 1" nominal. Because EnviroSLAB is custom made by hand, its size can vary within 1/8 of an inch. Exact measurement of your SLAB is critical prior to installation. EnviroSLAB is compatible with an under mounted sink. Rods can be installed underneath seams for increased support if desired. A granite or engineered stone fabricator can easily cut the polished slabs to size and seam pieces together if necessary to fit just about any layout. EnviroSLABs come ready to be joined together with seams as small as 1/16". EnviroSLABs are adhered together using a silicone or polyester/acrylic blend adhesive such as Akemi. Experienced fabricators are familiar with adding colored powder to the adhesive to create a match with countertop colors, and then polishing the dried seam to make it virtually invisible. A discussion between customer and local installer about this process is important because seaming is the responsibility of the installer.



We do recommend a thin cut for exposed edges. Fabricators should fill any newly exposed voids with color-matched seaming grout, as is commonly done with engineered stone slabs and also with naturally occurring holes in granite and marble.

See our webpage, www.enviroglasproducts.com/pro-downloads.html, for edge details, including eased, bull nose, half round, ogee and others. The series of polishing grits with the diamond polishing pad is as follows: 200, 400, 800, 1,500, 3,000.

You can laminate the edge for a thicker look or where an apron has been specified. A sub deck is not required unless needed to adjust for a laminated edge. Go no greater than 6" inches without structural support on cantilevers. To use EnviroSLAB as a desk top, you will need the additional support of a corbel, ledger, or sub deck.

EnviroPLANK

EnviroPLANK floor tiles are 6" x 36" x 3/8" nominal, and they are water-jet rectified. Because the PLANK is custom made by hand, thickness can vary within 1/8 of an inch. Be sure to lay down a thick layer of thin-set mortar to allow for this minimal size variation and to ensure that all PLANKS are level with each other.

You can install EnviroPLANK with as little as a 1/32" seam with an epoxy or acrylic grout. When EnviroPLANK is used for a wall base, the exposed edge must be field polished. EnviroPLANK is compatible with radiant heating systems.



EnviroCOVE is a triangular shaped base strip that is inserted at a right angle where the floor meets the wall. You can install a full EnviroPLANK or 1/2 EnviroPLANK (6 inches or 3 inches up the wall) around the wall bottom first and then apply EnviroCOVE trim in the corner where the two meet.