



ENVIROGLAS ASSESSMENT AND EVALUATION USGBC LEED® 2.1

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ENVIROTRAZ™ POURED-IN-PLACE, ENVIROSLAB™ COUNTERTOPS AND ENVIROPLANK™ FLOOR TILES ARE ENVIRONMENTALLY BENEFICIAL CONSTRUCTION MATERIALS THAT CAN AID SIGNIFICANTLY IN THE ENVIRONMENTAL GOALS OF GREEN BUILDINGS. PROJECTS SEEKING CERTIFICATION UNDER THE U.S. GREEN BUILDING COUNCIL'S (USGBC) LEED® RATING SYSTEM, VERSION 2.1, CAN EXPECT THESE PRODUCTS TO CONTRIBUTE TO SEVERAL OF THE LEED CREDIT POINTS. OF THE 69 TOTAL POINTS AVAILABLE, ENVIROTRAZ CAN REALISTICALLY CONTRIBUTE TO 8-PLUS PROJECT POINTS. ENVIROSLAB COUNTERTOPS AND ENVIROPLANK FLOOR TILES CAN CONTRIBUTE TO 4 OR MORE PROJECT POINTS.

RECYCLED CONTENT CREDIT MR CREDIT 4.1 OR 4.2 (1 TO 2 POINTS)

ENVIROTRAZ, ENVIROSLAB AND ENVIROPLANK ARE COMPRISED OF RECYCLED GLASS AND OR PORCELAIN, RECYCLED GLASS FILLERS, AND ENVIROPOXY RESIN. THE PRODUCTS CAN BE SPECIFIED WITH 100% RECYCLED GLASS OR SOME MIX OF PRE-CONSUMER AND POST-CONSUMER PRODUCT. THE RECYCLED CONTENT, BY WEIGHT, OF THE FINAL PRODUCT IS APPROXIMATELY 80%. AS A RESULT, UP TO 80% OF THE DOLLAR VALUE OF THE FINAL PRODUCT WILL CONTRIBUTE TO THE LEED TARGETED PERCENTAGES OF TOTAL BUILDING RECYCLED MATERIAL VALUE (5% CREDIT 4.1 AND 10% CREDIT 4.2). A LITTLE LESS PERCENTAGE CAN BE EXPECTED IF YOU SPECIFY SOME OF THE POST-INDUSTRIAL OPTIONS.

REGIONAL MATERIALS MR CREDIT 5.1 AND 5.2 (1 TO 2 POINTS)

ENVIROTRAZ IS FABRICATED AND ASSEMBLED ON SITE THEREFORE QUALIFYING IT AS A REGIONALLY MANUFACTURED MATERIAL. ENVIROGLAS CAN PROCURE THE RECYCLED GLASS-PORCELAIN, RECYCLED GLASS FILLERS, AND ENVIROPOXY FROM REGIONAL SOURCES (WITHIN 500 MILES) FOR USE IN THE FINAL PRODUCT ASSEMBLY. WITH SUPPLIERS AVAILABLE ACROSS THE UNITED STATES, THE USE OF ENVIROTRAZ CAN EASILY CONTRIBUTE TO LEED REQUIREMENTS FOR BOTH REGIONALLY MANUFACTURED AND REGIONALLY EXTRACTED MATERIALS ON MOST U.S. PROJECTS.

ENVIROSLAB AND ENVIROPLANK ARE BOTH MANUFACTURED IN COPPELL, TEXAS AND SHIPPED TO THE SITE FOR FABRICATION AND INSTALLATION. THEREFORE, THE REGIONAL MATERIALS CREDITS APPLY IF THE INSTALLATION SITE IS WITHIN 500 MILES OF COPPELL, TX.

CONSTRUCTION WASTE MANAGEMENT MR CREDIT 2.1 OR 2.2 (1 TO 2 POINTS)

ENVIROGLAS CAN BE A PART OF THE CONSTRUCTION WASTE MANAGEMENT TEAM AND ASSIST IN THE RECLAMATION OF GLASS WASTE FROM THE CONSTRUCTION PROCESS. IN PROJECTS THAT REQUIRE DEMOLITION OF EXISTING STRUCTURES, ENVIROGLAS CAN BE A PART OF THE CONSTRUCTION WASTE MANAGEMENT TEAM - RECLAIMING GLASS WASTE AND THEREBY AVOIDING DISPOSAL INTO THE LANDFILL. IF DESIRED, THE SALVAGED GLASS CAN POTENTIALLY BE USED IN THE FLOORING OF THE NEW BUILDING PROJECT. THIS CREDIT WOULD RARELY APPLY TO ENVIROSLAB OR ENVIROPLANK BECAUSE ENVIROGLAS REPRESENTATIVES ARE USUALLY NOT A PART OF THE INSTALLATION TEAM FOR THESE PRODUCTS.

LOW EMITTING MATERIALS – ADHESIVES AND SEALANTS EQ CREDIT 4.1 (1 POINT)

ENVIROTRAZ, ENVIROSLAB AND ENVIROPLANK UTILIZE BINDERS, RESINS AND PRIMERS WITH VOC LIMITS THAT RANGE FROM ZERO TO 60 G/L (BASED ON INFORMATION PROVIDED TO THE REVIEWER). THIS IS CONSIDERABLY BELOW THE VOC LIMITS REQUIRED FOR COMPLIANCE WITH SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE #1168 VOC LIMITS AND THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGULATION 8, RULE 51. MOST OF THE EPOXY MANUFACTURERS OF THIN SET EPOXY TERRAZZO SYSTEMS HAVE MOVED TO 100% SOLIDS FORMULAS, ELIMINATING THE ADDITION OF ANY VOC TO THE MATERIAL. ENVIROGLAS CAN PROVIDE CERTIFICATION OF VOC COMPLIANCE FROM ITS EPOXY MANUFACTURER.

INNOVATION IN DESIGN (1 POINT)

ENVIROTRAZ, ENVIROSLAB AND ENVIROPLANK CAN ALSO POTENTIALLY GAIN ADDITIONAL POINTS UNDER THE USGBC LEED® INNOVATION IN DESIGN CATEGORY. EXTENSIVE USE COULD ALSO CONTRIBUTE TO THE PROJECT EXCELLING IN THE RECYCLED CONTENT CATEGORY - REACHING THE NEXT THRESHOLD OF TOTAL BUILDING RECYCLED CONTENT VALUE. THESE AND OTHER INNOVATIVE SCENARIOS CAN POTENTIALLY EARN THE PROJECT ADDITIONAL LEED POINTS. POINTS ARE AWARDED AT THE DISCRETION OF THE SUBMITTAL REVIEWER CONTRACTED WITH THE USGBC.

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