

RECYCLED BUILDING MATERIAL PALETTE

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RECOVERED OR RECLAIMED MATERIALS:
HAVE BEEN EXTRACTED FROM THE WASTE
STREAM BUT HAVE NOT YET BEEN TURNED
INTO A NEW PRODUCT.

POST-CONSUMER MATERIALS:
HAVE REACHED THEIR END-USER BEFORE
BEING DISCARDED.

**PRE-CONSUMER (POST-INDUSTRIAL)
MATERIALS:** HAVE BEEN RECOVERED FROM A
WASTE STREAM SOMEWHERE IN THE MANUFAC-
TURING PROCESS PRIOR TO REACHING THEIR
END-USER.

ONCE INCORPORATED INTO A NEW ITEM,
MATERIALS FROM ALL OF THESE CATEGO-
RIES ARE REFERED TO AS
RECYCLED BUILDING MATERIALS

**BUILDINGS CONSUME ENORMOUS QUANTITIES OF THE EARTH'S
RESOURCES IN THEIR CONSTRUCTION AND OPERATION, THUS IT IS
IMPERATIVE THAT BUILDING MATERIALS ARE CHOSEN WHICH
DECREASE THE ENVIRONMENTAL BURDEN AS MUCH AS POSSIBLE.**

**INCORPORATING RECYCLED BUILDING MATERIALS REDUCES THE
DEMAND FOR RAW MATERIALS AND DIVERTS MATERIAL FROM LAND-
FILLS. IF RECYCLED MATERIALS ARE NOT AVAILABLE, IT IS
IMPORTANT TO USE RAPIDLY RENEWABLE MATERIALS, AS THEY TO
REDUCE THE DEPLETION OF VIRGIN MATERIALS AND DECREASE THE
IMPACTS ON BIODIVERSITY LOSS, SOIL EROSION, AND AIR QUALITY.**

**USING LOCAL AND REGIONAL MATERIALS REDUCES THE CONSUMP-
TION OF NATURAL RESOURCES NECESSARY FOR TRANSPORTING
MATERIALS OVER LONG DISTANCES, AND CREATES A MORE STABLE
REGIONAL ECONOMY.**

**RECYCLED BUILDING MATERIALS CAN BE HIGHLY BENEFICIAL TO
BUILDING OCCUPANTS IF CHOSEN ACCORDINGLY. USE MATERIALS
THAT HAVE LOW OR NO CHEMICAL EMISSIONS THAT CAN LEAD TO
POOR INDOOR AIR QUALITY, DO NOT CONTAIN HIGHLY TOXIC
COMPOUNDS, AND ARE DURABLE AND HAVE LOW MAINTENANCE
REQUIREMENTS.**

BELOW IS A SAMPLE PALETTE OF A FEW RECYCLED MATERIALS

EXTERIOR ENCLOSURE

INSULATED CONCRETE WALLS PROVIDE A BUILDING ENVELOPE THAT IS AIRTIGHT AND RESISTANT TO WATER INFILTRATION AND MOLD GROWTH, ENABLING IMPROVED INDOOR AIR QUALITY. FLY ASH CAN BE USED IN THE MIX FOR THE CORE OF THE MASONRY UNIT.

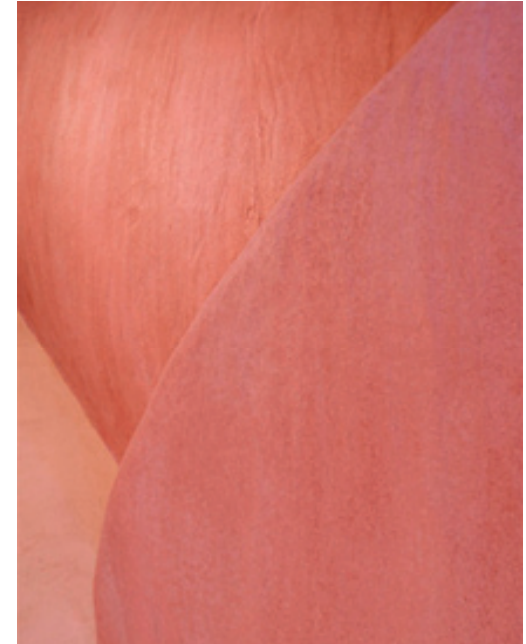


USING RECLAIMED BRICK KEEPS PRODUCT FROM ENDING UP IN A LAND-FILL, AND UTILIZES THE ENERGY THAT WENT INTO MAKING THE ORIGINAL BRICK BY NOT WASTING MATERIAL.



RECYCLED METAL TILES ARE MADE OF 100% RECYCLED ALUMINUM OR BRASS. INSTALLATION IS SIMILAR TO OTHER TILE, USING MORTAR AND GROUT TO BOND TO WALL SURFACE.

WALL FINISHES



RECYCLED SYNTHETIC GYPSUM BOARD COVERED WITH NATURAL CLAY PLASTER.

THE PLASTER IS A BLEND OF PURE CLAYS AND RECYCLED AGGREGATES WITH LOW VOC COLORING AGENTS THAT COME FROM NATURAL, NON-TOXIC OXIDES AND OCHRE MINERAL PIGMENTS.

SYNTHETIC GYPSUM IS MADE FROM THE BY-PRODUCT OF MANUFACTURING AND ENERGY-GENERATING PROCESSES, AND IS PRIMARILY COMPOSED OF COAL FLY ASH.

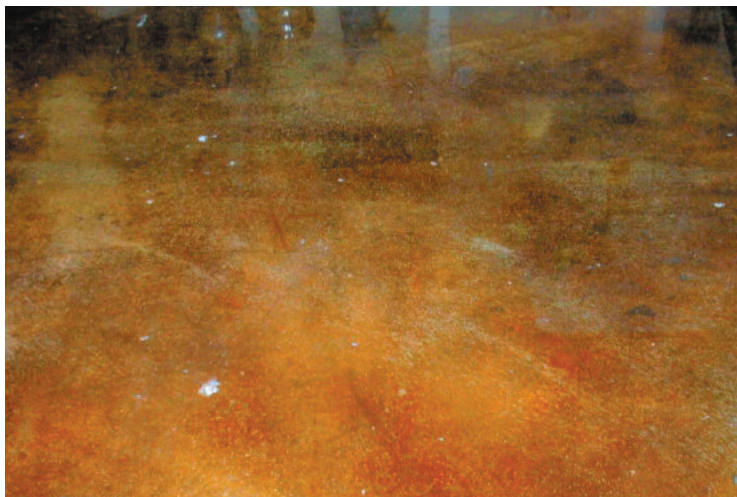
SLAB-ON-GRADE FOUNDATION

CONCRETE SLAB CONSTRUCTED WITH LOCAL RECYCLED AGGREGATE.

FLY ASH CAN BE INCLUDED IN CONCRETE MIXES TO OFFSET THE HIGH EMBODIED ENERGY OF CEMENT. FLY ASH IS A WASTE PRODUCT FROM COAL-FIRED POWER PLANTS.

STRUCTURAL STEEL REINFORCING (BARS, STEEL WIRE, AND STEEL MESH) CAN CONTAIN 100% RECYCLED CONTENT.

SLAB-ON-GRADE ALLOWS THE INCORPORATION OF RADIANT HEATING AND COOLING SYSTEMS.



FLOOR FINISHES



ENVIROGLAS TERRAZZO IS MADE OF RECYCLED GLASS AND PORCELAIN. THE PRODUCT IS INERT, WHICH KEEPS IT FROM NEGATIVELY IMPACTING INDOOR AIR QUALITY, AND SINCE GLASS HAS NO POROSITY, A SEALER IS NOT REQUIRED FOR INSTALLATION.

SALVAGED WOOD FLOORING.

LESS EMBODIED ENERGY IS GENERALLY USED TO CREATE RECLAIMED WOOD PRODUCTS THAN TO CREATE NEW ONES OR THEIR SUBSTITUTES.



ROOFING ENCLOSURE



METAL ROOFING CONTAINS A HIGH PERCENTAGE OF RECYCLED CONTENT, IS VERY DURABLE, AND IS EASILY RECYCLABLE.

IT IS ALSO THE BEST ROOFING CHOICE FOR RAINWATER HARVESTING.

MINERAL WOOL INSULATION IS MADE OF BASALT ROCK (25% OR LESS) AND STEEL SLAG (OVER 75%), AND THUS EXHIBITS A HIGH AMOUNT OF RECYCLED CONTENT MATERIAL. IT HAS BETTER SOUND RATINGS AND R RATINGS THAN BOTH CELLULOSE AND GLASS FIBER INSULATION PRODUCTS.

100 PERCENT RECYCLED,
NO VOC LATEX PAINT.



CEILING FINISHES

USING RECLAIMED WOOD PREVENTS THE CONTINUED DESTRUCTION OF EXISTING FORESTS, THUS PROTECTING TREES, WATERSHED HEALTH, AND HABITAT FOR WILDLIFE.



SYNTHETIC GYPSUM BOARD
THE PAPER BACKING IS TYPICALLY 100% RECYCLED AND UNBLEACHED. NO ADHESIVES ARE USED TO BOND THE PAPER TO THE GYPSUM CORE.