

# GREEN BUILDING MATERIALS

## What makes a building "green"?

- Use of non and **less-toxic** building materials.
- Use of **recycled content** building materials.
- **Energy efficient** lighting and heating/cooling systems.
- Landscaping that **reduces the need** for pesticides, fertilizers, and water.
- Reduced water consumption through **low flow plumbing** fixtures and recycling water (where possible).
- Increased use of **natural light**.
- Design that integrates the natural environment and **promotes sustainable communities**

### 1. Roofing Tiles

This roof tile has the look and feel of natural slate, but is made from a polymer blend of 100% recycled rubber and industrial plastic.

### 2. Homasote

Some uses include soundboard, tackboard, and carpet underlayment. It is made from 100% recycled post consumer newsprint.

### 3. Carpet

Made from 100% recycled plastic bottles processed into yarn for carpeting.

### 4. Natural Cork

Used for flooring and wall paneling, cork is a natural, pure material from the bark of the cork tree found in the forests of Mediterranean countries. Harvesting the bark activates the re-growth of bark and increases the tree's lifespan. Trees are never cut.

### 5. Rubberized Safety Surfacing

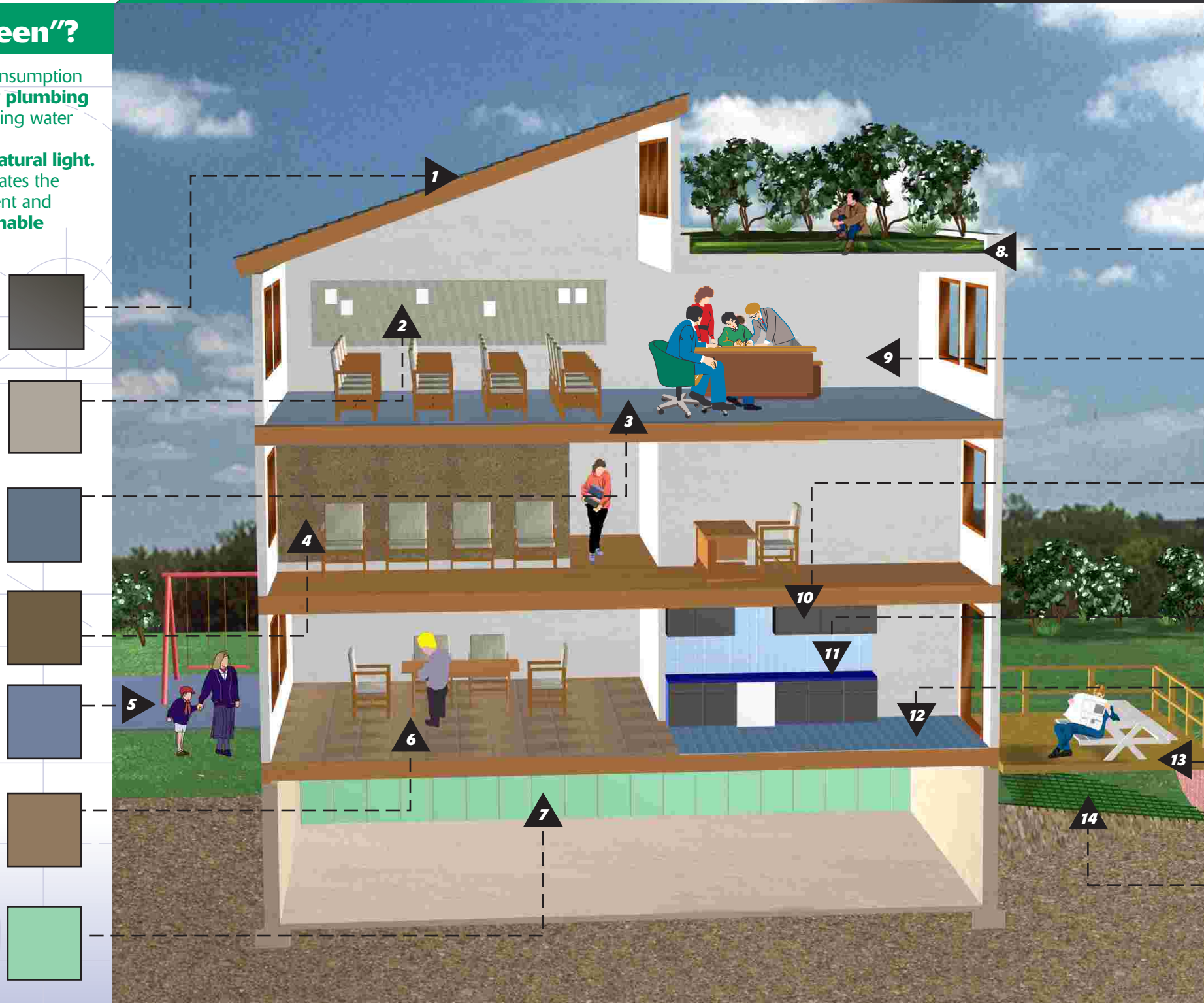
Used for playgrounds and other safety flooring needs and made from recycled tires and rubber.

### 6. Linoleum

Used for floor coverings, furniture surfaces and even walls, linoleum is made from linseed oil, pine resin, cork flour, wood flour, limestone pigments and jute.

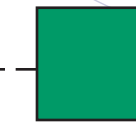
### 7. Insulation Board

Made from 50% recycled polystyrene and used for insulation.



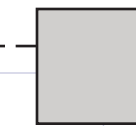
## Benefits of "green" buildings.

- **LOWER OPERATING AND MAINTENANCE COSTS.**
- **HEALTHIER INDOOR ENVIRONMENTS.**
- **IMPROVED WORKER PRODUCTIVITY.**
- **LOW-COST SPACE RECONFIGURATION.**
- **LESS SURROUNDING ENVIRONMENTAL IMPACT.**



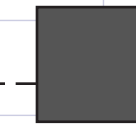
### 8. Roof Garden Under-Drain Mat

Made from recycled polyethylene, this material provides water storage cells with small openings for drainage, aeration and evaporation. It is located below the soil level in the garden.



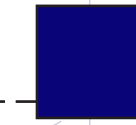
### 9. Synthetic Gypsum Board

Instead of using virgin gypsum ore, synthetic gypsum board is manufactured from calcium sulfate (gypsum), a by-product captured from coal burning plants. This board can be made from up to 100% recycled calcium sulfate.



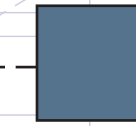
### 10. Biocomposites

Biocomposites are composite materials made from bonding renewable agricultural fiber by-products, such as wheat, and recycled paper products together with a bio-based resin. They can be used for flooring, walls, and cabinetry.



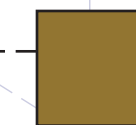
### 11. Glass Tile

Made from recycled glass, usually bottles, and cement. Used for flooring, walls and countertops.



### 12. Vinyl Floor Tiles

Used in industrial or commercial buildings and made from 100% recycled vinyl.



### 13. Alternative Decking Material

Made from combined recycled and reclaimed wood and plastic such as stretch film and recycled plastic grocery bags.



### 14. Erosion Control Mat

This product is used as a permanent erosion control blanket to help grass grow on steep slopes. It is made from 100% recycled green soda bottles.



For more information about green buildings materials contact:  
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