

# Commercial Flooring

## Each floor type has different properties:

- Sound Quality
- Durability
- Required Base Material
- Maintenance
- Water Resistance
- Slip Resistance (COF: Coefficient of Friction rating)
- Color/Size/Pattern

# Wood Flooring

Three basic types:

Solid

Engineered

Laminate



# Solid Wood Flooring

## Benefits:

- Dramatic
- Can be refinished multiple times
- Warm feel
- Can be stained on site

## Disadvantages:

- May shrink/expand based on climate
- Cannot be placed on concrete subfloor
- May be damaged easier than other floors



Wood Flooring – a variety of colors and finishes

### Domestic Wood Species



Red Oak



White Oak



First Grade  
Maple



Select Grade  
Maple



Natural/Rustic  
Oak



American  
Cherry



Black Walnut



Ash



Beech



Birch

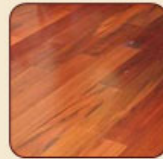
### Exotic Wood Species



Brazilian  
Cherry



Tigerwood



Tigerwood 2



Australian  
Cypress



Tiete  
Rosewood



Santos  
Mahogany



Brazilian  
Chestnut



Hickory



Brazilian  
Walnut



Teak



Brazilian Oak



Brazilian  
Maple

Each wood species have different grain patterns and stains adhere differently



Can be stained, comes in different widths, and grains



Each species creates a different  
look/feel





Color can be incorporated into wood flooring



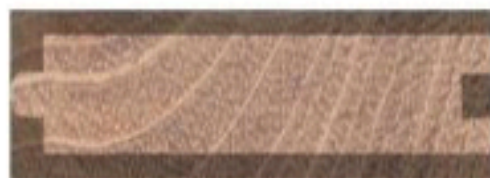
Can be stained kept natural with a sealant – gloss, satin or matte  
Texture may also be incorporated



# Engineered vs. Solid Wood Flooring

## Efficient use of slow-growth hardwood

Lumber Yield Comparison:  
Solid vs. Engineered wood flooring



One piece of high grade  
lumber yields only one  
plank of solid flooring.



The same piece of high grade  
lumber yields many wear layers for  
engineered flooring.



## Sandable wear surface



*In solid flooring, all material below the T&G  
(dashed line) is not actually usable material.*



*In engineered flooring, this valuable high  
quality wood is not wasted below the T&G.*

## • Engineered Wood Flooring



### Benefits:

- Top layer is real wood
- Warm feel
- Does not react to Climate
- Stable
- It can be used with radiant heat
- It appears as solid wood flooring

### Disadvantages:

- Cannot be placed on concrete subfloor
- May be damaged easier than offer floors
- Can only be refinished minimally

# • Laminate Wood Flooring

## Benefits:

- Inexpensive
- Durable
- Pre-Finished
- Can be placed on concrete base

## Disadvantages:

- Feels Fake
- Cannot be refinished



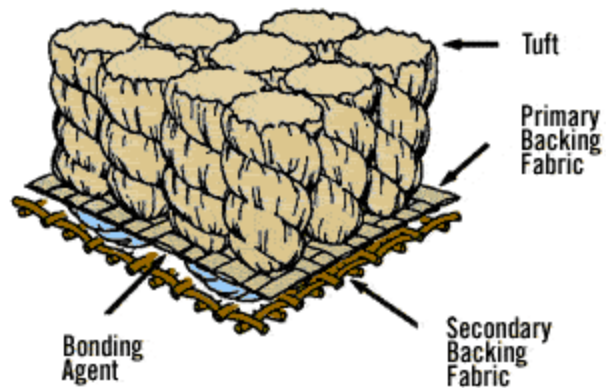
Laminate Flooring – can be glued or floats over the sub-floor.  
Inexpensive, quick, DIY.



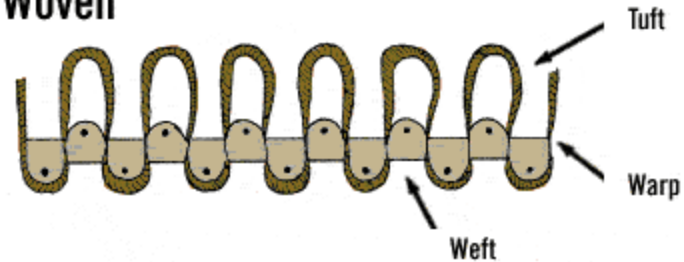


Carpet: Wood, Polyester, Nylon and Blends  
Tufted and Woven

### Tufted



### Woven



<http://www.mohawkflooring.com/carpeting/>

## Area Rugs





Carpet Tiles [www.flor.com](http://www.flor.com)



## Ceramic Tiles + Stone Tiles



Marble- Large Tiles



Granite- Large Tiles



Slate- Large Tiles





Limestone Tiles

Porcelain Wood Tiles



Granite Polished Tiles



Porcelain + Marble Tiles



Porcelain Tiles

Porcelain or Ceramic Tiles

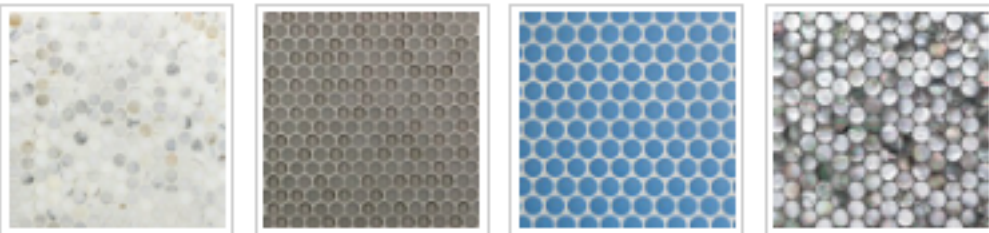
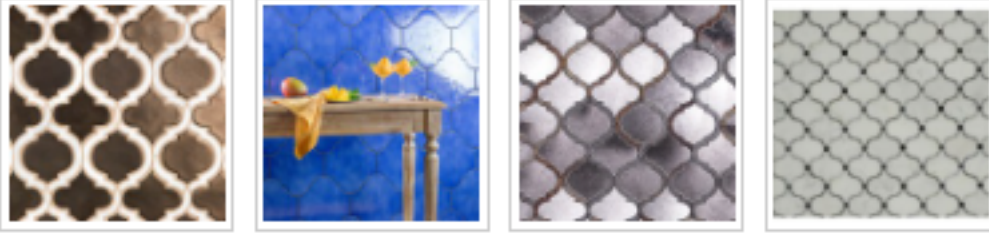
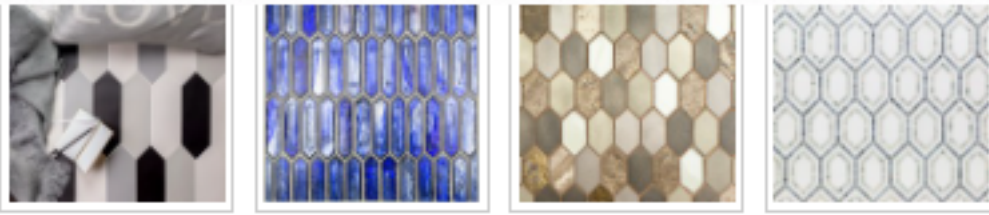




Mosaic Tiles

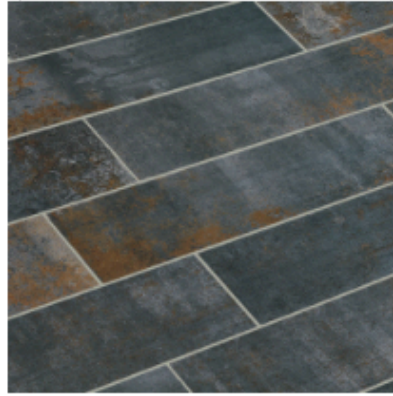


Cement Tiles



WALL

FLOPP (PORCELAIN)  
AEGEAN (PORCELAIN)  
EXTERIOR PAVERS



ALTERED STATE (PORCELAIN)



ALLOY (PORCELAIN)



ANTHOLOGHIA (CERAMIC)



ALTA (PORCELAIN)



ARCADIA (PORCELAIN)



Variety is unlimited....





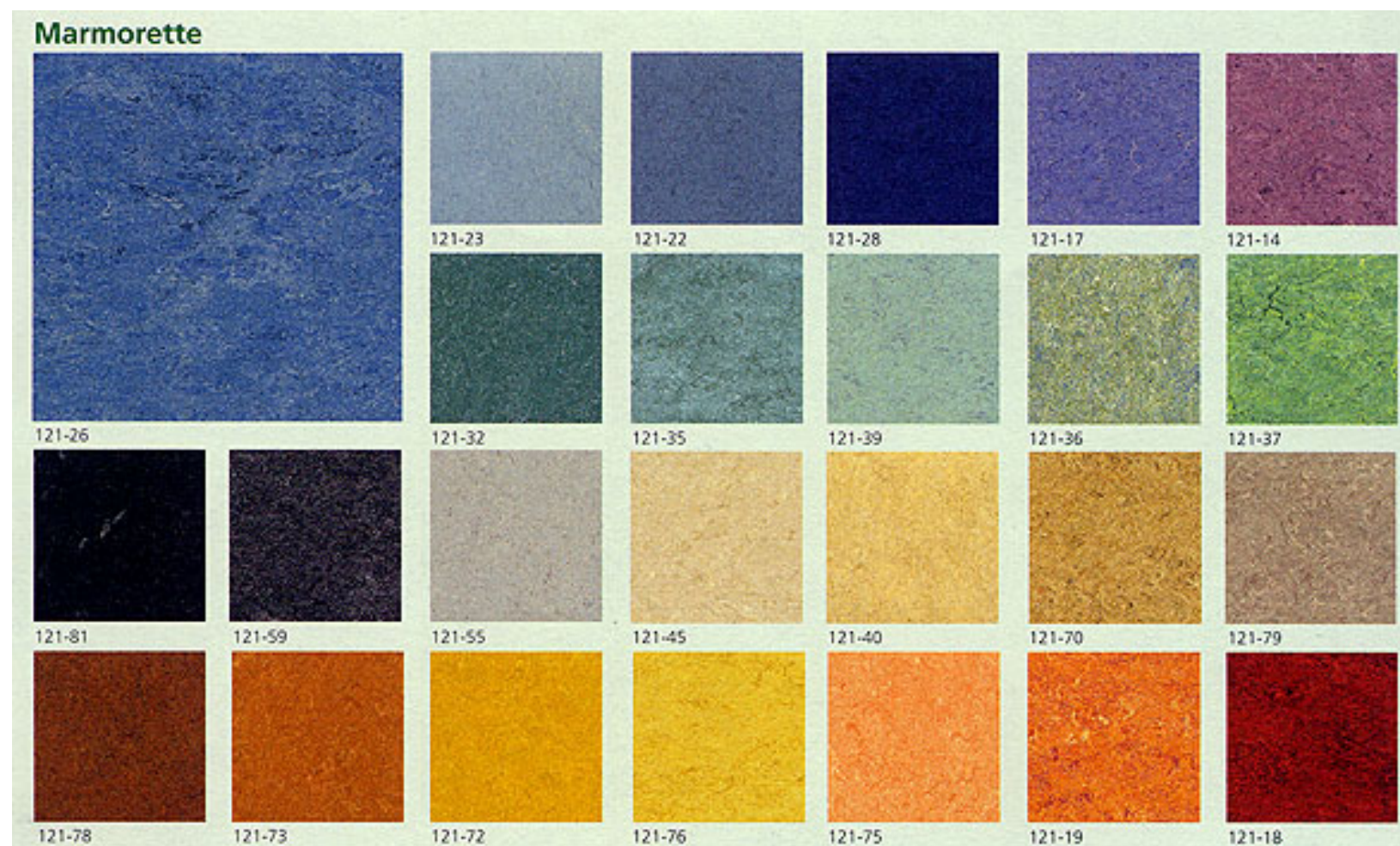
Cork



Linoleum – [www.armstrong.com](http://www.armstrong.com)



Linoleum – [www.forbo.com](http://www.forbo.com)





VCT – Vinyl Composite Tile



## Concrete flooring



Epoxy – self leveling



## Epoxy flooring



ARMOR ULTRA EPOXY



## Retail Lighting



