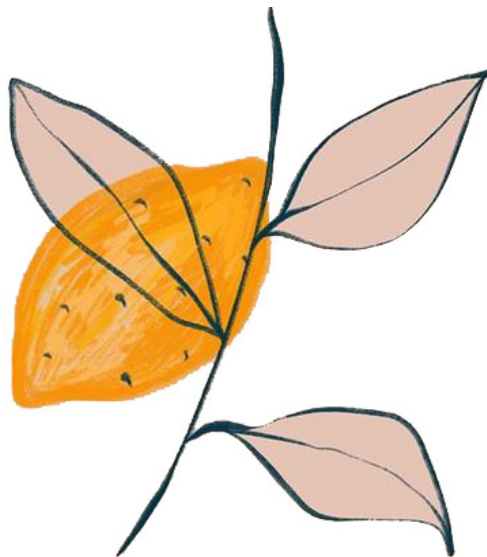
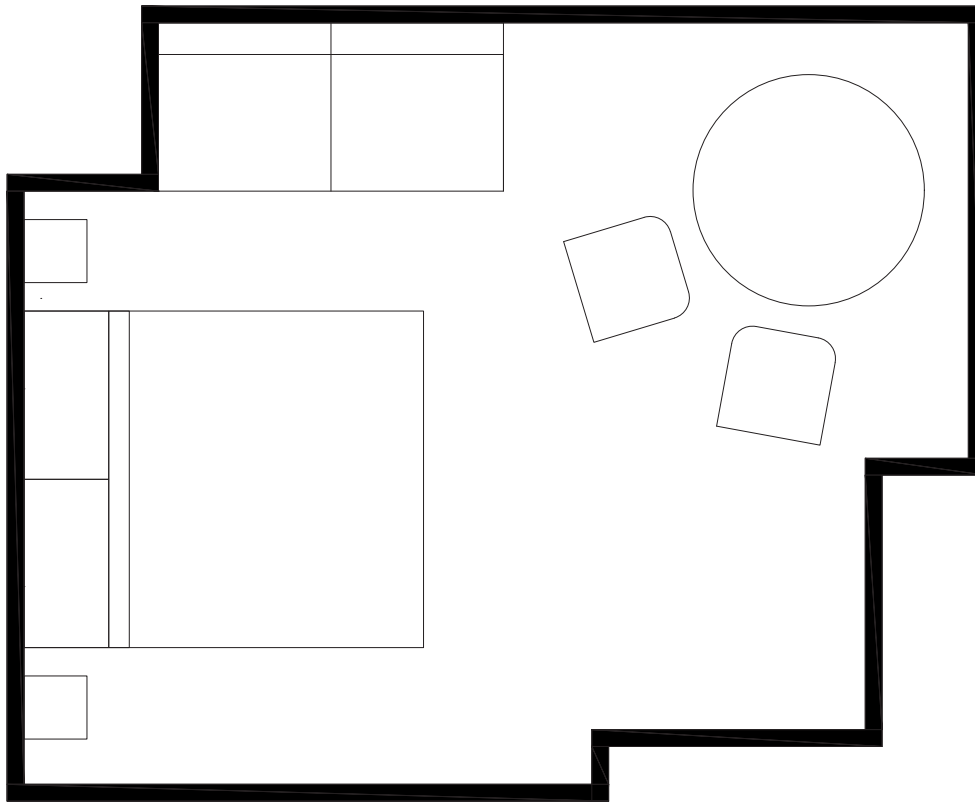


BEDROOM REDESIGN - AN APPROACH TO SUSTAINABILITY



BEFORE

PLAN



1/4" : 1'

BLINDS
100% Vinyl

BED
Frame - Particle board
Ash veneer,
Clear acrylic Lacquer
Acrylic paint
Support - Steel

BEDSIDE TABLE
- Particle board
Ash veneer
Clear acrylic Lacquer
Acrylic paint

BED SHEETS
- 30% Cotton
70% Polyester



WALLS
- Concrete
Whitewash Paint

PILLOWS
Case - 30% Cotton,
70% polyester
Filling- polyester

SOFA
Frame - Plywood
Cushion - Polyurethane foam
Fabric - 100% polyester
Leg - Steel

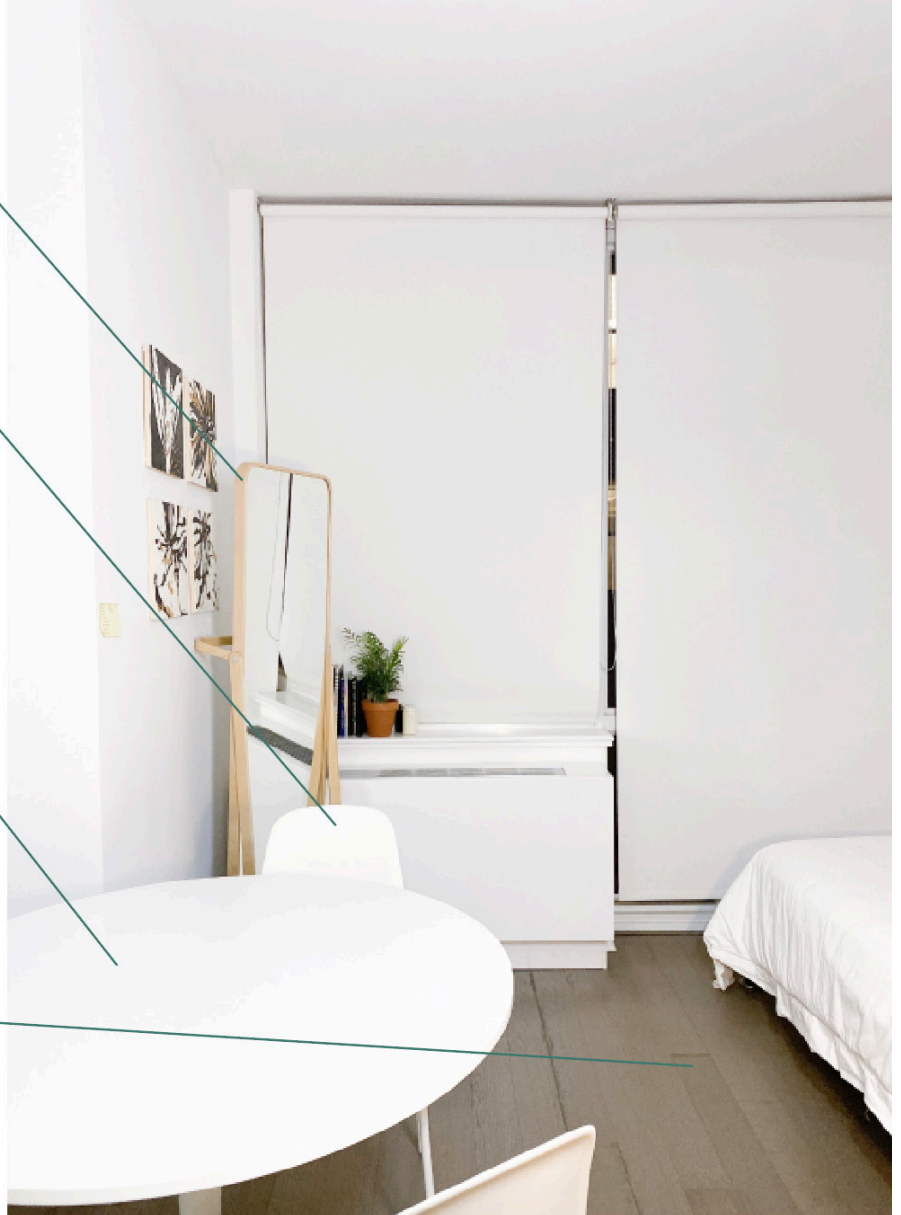
MATTRESS
Ticking - 64% cotton
36% polyester
Comforter filling - 65% rayon
30% polyester
5% modacrylicfiber
Lining - Non-woven polypropylene
Core - Polyurethane foam 1.7 lb/cu.ft.

MIRROR
- Plywood,
Clear lacquer

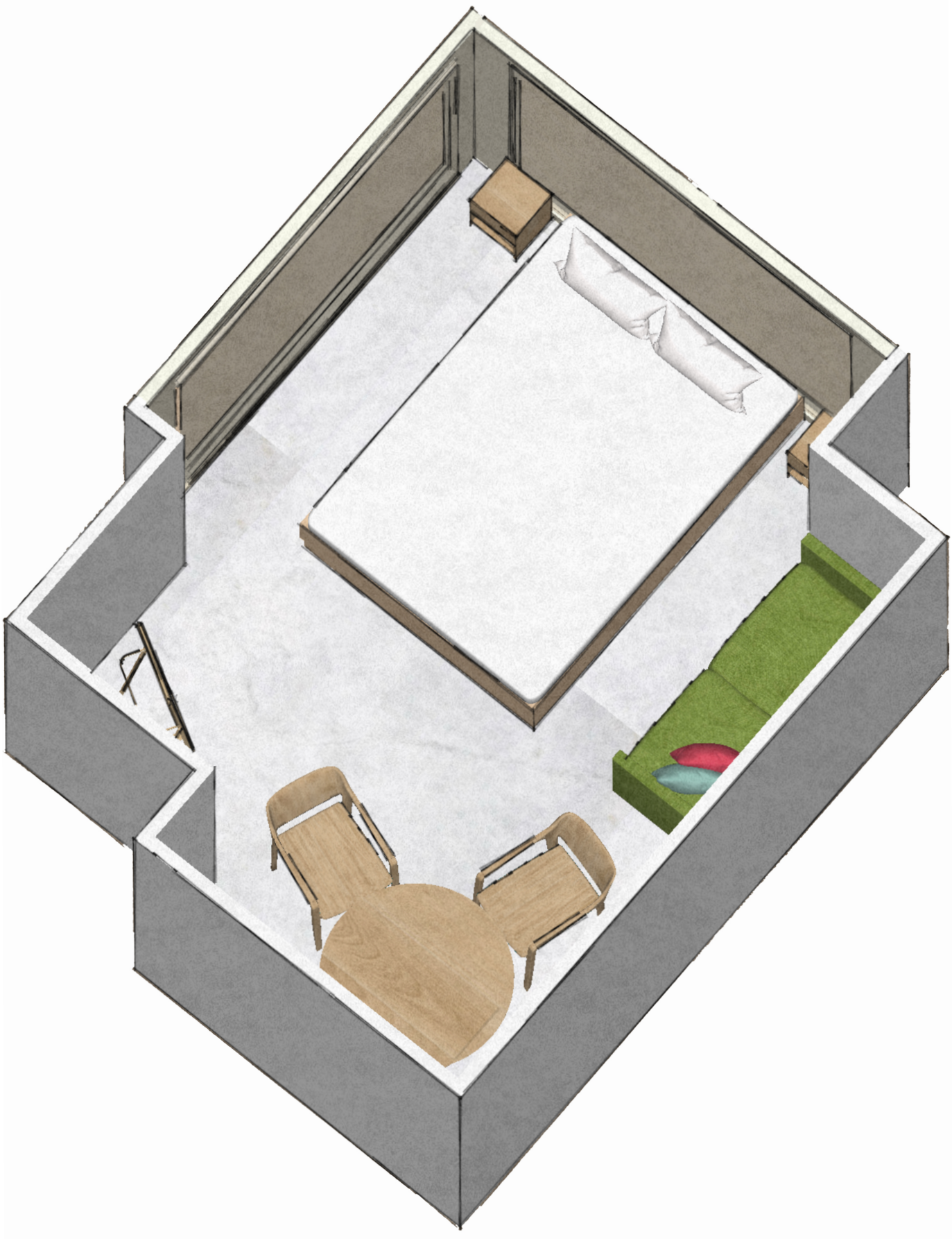
CHAIRS
Shell – Polypropylene
Frame – Steel

TABLE
Tabletop
- Fiberboard
Acrylic paint
Leg
- Polyamide
Mounting plate
- Steel

FLOORING
- Oakwood,
Clear lacquer



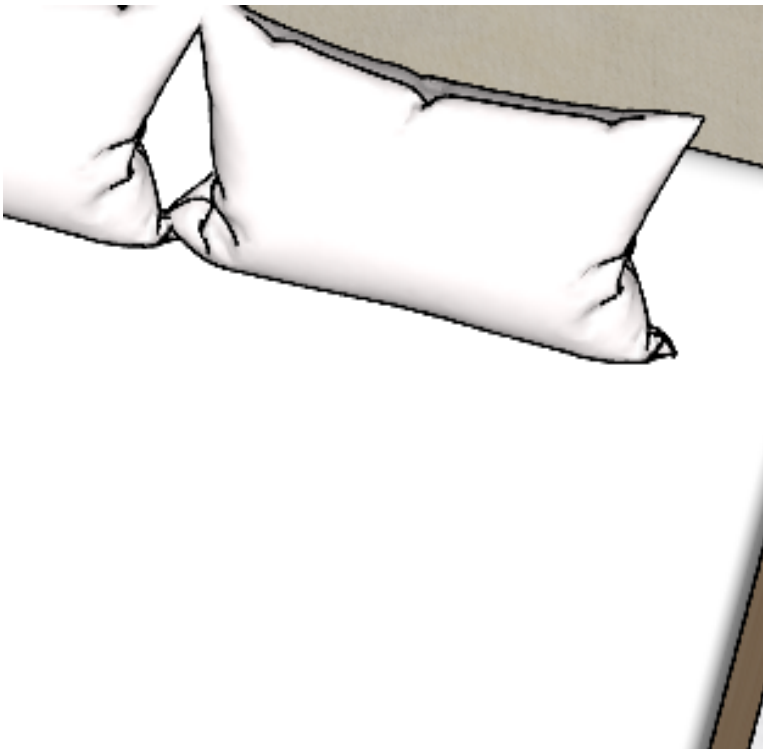
AFTER



MATERIALS



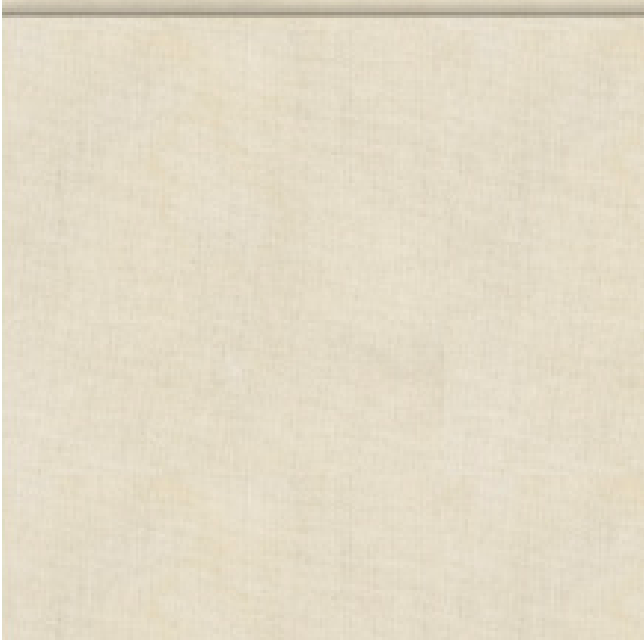
Bed Sheets



100% Natural Cotton

- Grown from non-genetically modified plants
- No synthetic agricultural chemicals
- Soft, absorbent and breathable natural fiber

Blinds



Linen

- Untreated with chemicals in manufacturing process
- Undyed - natural color
- Natural Grass Fiber
- Strong Tensile Strength
- Do not stress easily

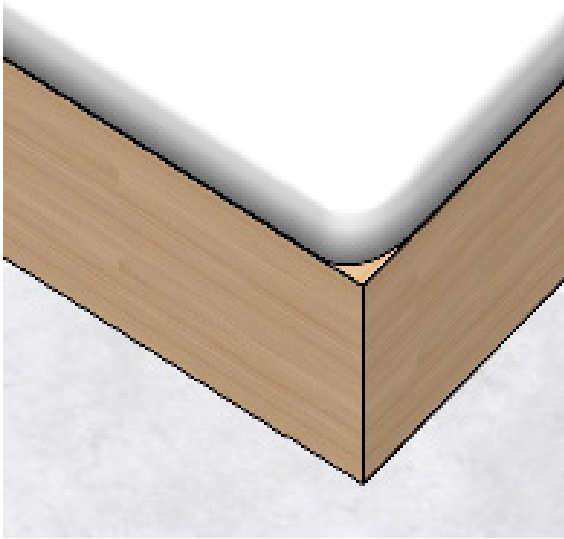
Bedside Table



Oak Wood

- Natural oil Finishing
- Untreated with chemicals in manufacturing process
- Strong, heavy and durable.
- Prominent grain - resistant to fungal attack

Bed Frame



Oak Wood

- Natural oil Finishing
- Untreated with chemicals in manufacturing process
- strong, heavy and durable.
- prominent grain - resistant to fungal attack

Sofa



Oak wood

- Natural oil Finishing
- Untreated with chemicals in manufacturing process
- strong, heavy and durable.
- resistant to bacteria

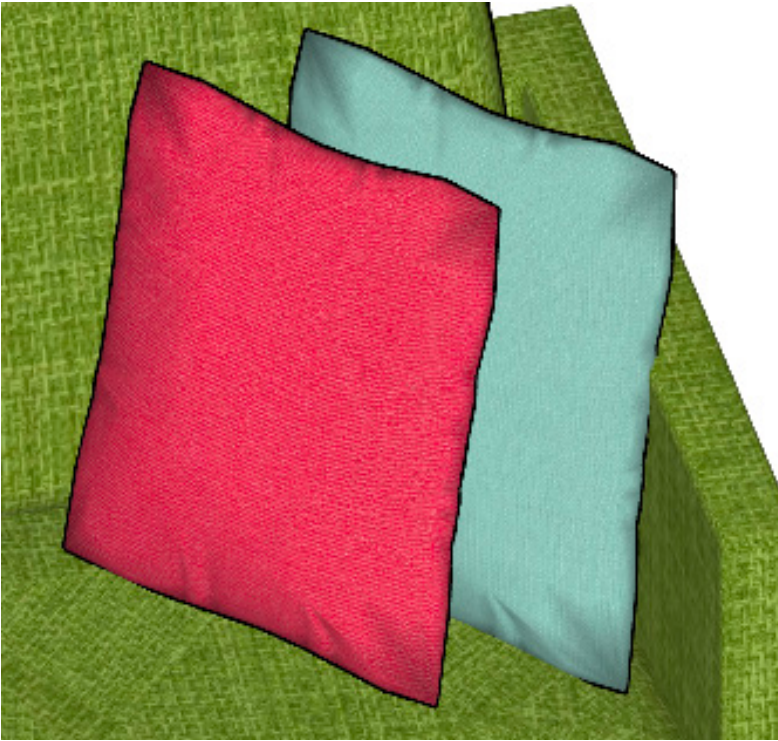
Mycelium

- Fungi Based Foam
- Elastic
- Compressive yield strength

100% Wool

- Natural Fiber
- High moisture regain
- Good resistance to acids.
- High elasticity and resiliency

Sofa Pillows



100% Cotton Fabric

- Grown from non-genetically modified plants
- No synthetic agricultural chemicals
- soft, absorbent and breathable natural fiber

Cotton Fiber

- untreated, undyed
- natural cellulosic fiber

Table and Chairs



Pine Wood

- Natural oil Finishing
- Untreated with chemicals in manufacturing process
- Resists shrinking and swelling.

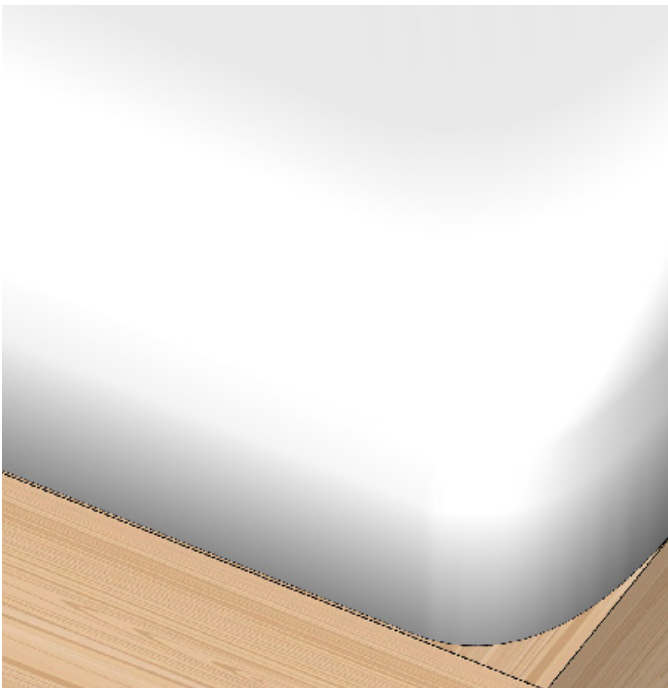
Flooring



Marble

- Natural Stone
- High durability
- Scratch resistant
- Non-flammable

Mattress



100% Cotton Fabric

- Grown from non- genetically modified plants
- No synthetic agricultural chemicals
- soft, absorbent and breathable natural fiber

100% Wool

- Natural Fiber
- High moisture regain
- Good resistance to acids.
- High elasticity and resiliency

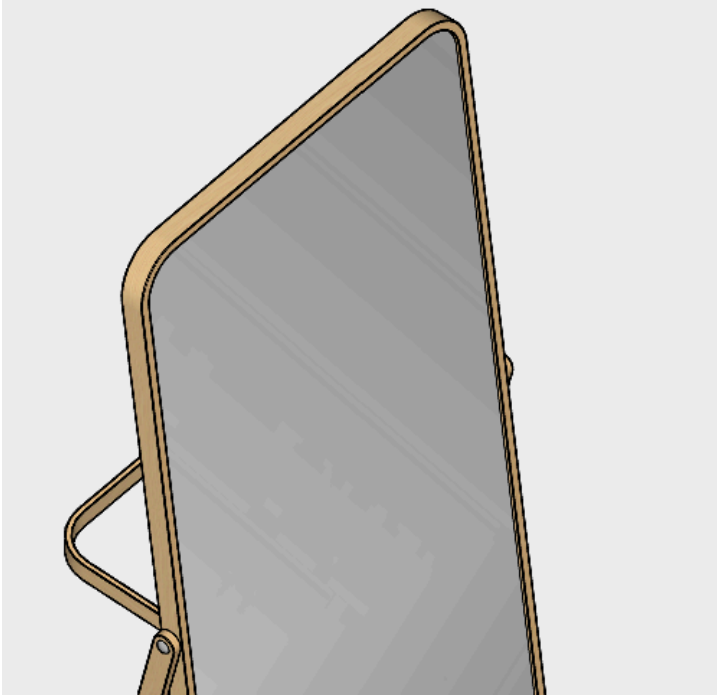
Bio Plastic

- Made of renewable biomass sources
- Made from plants

Mycelium

- Fungi Based Foam
- Elastic
- Compressive yield strength

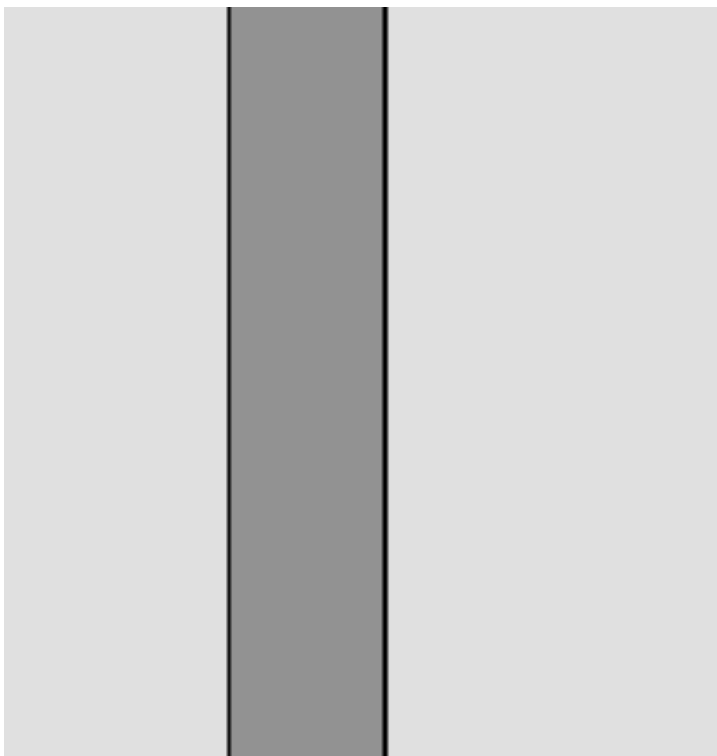
Mirror



Maple Wood

- Natural oil Finishing
- Untreated with chemicals in manufacturing process
- Straight Grain
- No odor

Walls



Clay Based Ceramic

- 100 % Pure Clay
- Natural Material
- Require less water in manufacturing process
- Untreated
- High durability