



# SUSTAINABILITY IN DESIGN


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# AGENDA

- Board
  - Technology
  - Structure
  - Permanent Materials
  - Time
  - Capital Resources
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# BOARD

- Recycled
- Lighter Weight
- Singleface
- Trim Loss
- Waterbased Ink
- Eco-Friendly coating

# TECHNOLOGY

- Automated process through assembly
- Print Quality/Label/Singleface
- Information Exchange
- Warehouse/Shipping
- CAD/CAM/CAPE

# STRUCTURE

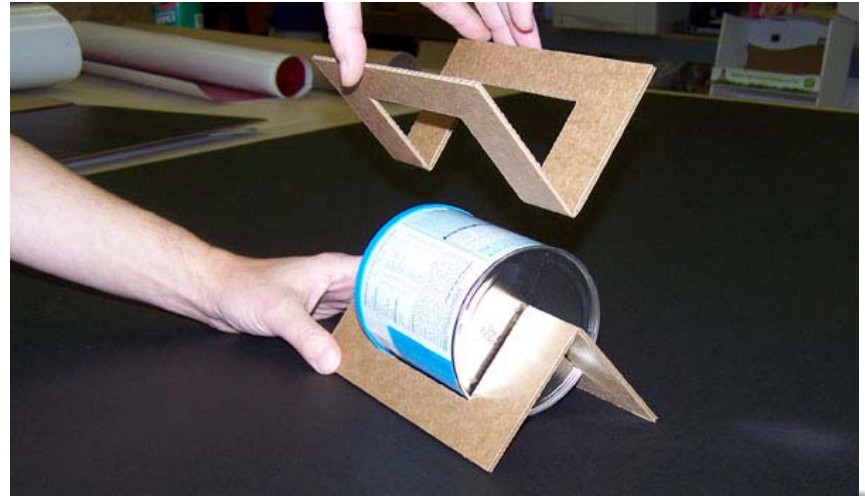
- Board Efficiency
- Simplicity
- Design towards specific processes
- Structural Compression vs. Board Compression
- Ease and speed of assembly

# Engineering Medieval Era

“A designer knows he has achieved perfection not when there is nothing left to add, but when there is nothing left to take away.”

- Antoine de Saint-Exupry

# Structural Simplicity



# PERMANENT MATERIALS


- Packaging Foam and Bags
- Plastic Pockets, Lips, etc.
- Hooks and Clips
- Blister Packs, etc.
- Metal (Tubes, Flute Wire, etc)
- Particle Board, Pegboard



**Replace Plastic Pockets with E-Flute**  
**Approximate Savings - \$6.00 / Display**



# TIME

- Development of Time
  - Assembly
  - Production Life Cycle
  - Labor Cost
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# CAPITAL RESOURCES

- Equipment wear
- Maintenance/Downtime
- People