

# ART 387: Impossible

## Architecture Material Schedule

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Assignments in this course feature a **material budget**. Assignments may always use materials from any level *below* the assigned restriction.

Paint or other external coating is always available.

### Borrowing

All assignments permit *borrowing*.

At any time, students may *borrow* against their grade to increase an assignment's available materials. For each level desired, students must surrender 2.5% of their course grade. For example, to increase an assignment from *Level 1* to *Level 3*, a student would need to spend 5%.

For group projects, *each student* must spend grade percentages. Students may earn back borrowed grade percentages by completing any one of the following "repayments" (in group projects, all members must complete individual "repayments"):

- 2.5%** Review of a local building (250 words)
- 5%** Response to a critical article in the architectural press (500 words)
- 10%** An addition, refactor, or remodel of one of your (incl. team) existing projects, including a project statement (200 words, max.)

### Level 1

Allowed use of threads, yarns, fabrics and paper products *no thicker than corrugated cardboard*. This includes (but is not limited to) materials below, as long as their weights are less than or equal to 300gsm:

- Card stock
- Foam core/poster board
- Corrugated cardboard up to 300K/T

### Level 2

Allowed use of heavier paper-based products and wood fiber products such as (not limited to) materials below, insofar as wood products rate less than 100 lb<sub>f</sub> on the Janka Hardness Scale:

- Paperboard
- Davy/book board
- Taskboard
- Balsa wood
- Plaster

### Level 3

Allowed use of wood products in excess of 100 lb<sub>f</sub> (Janka scale) and clay or plaster products:

- Basswood
- Birch
- Poplar
- Modeling clay
- Sculpey
- Acrylic

### Level 4

Allowed use of concrete and other composite materials. However, concrete for *Level 4* projects must be cast *without rebar*.

### Level 5

Metals and all other materials not named in above levels. Your instructor recommends that you (or your team) discuss additional materials before using them, as there may be chemical or other safety issues presented.