

# ART 387: Impossible

## Architecture Material Schedule

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Assignments in this course feature a **material budget**. This document lays out the definitions of the budgetary brackets. 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

Assignments with a *Level 1* material budget allow the 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:

- Copy paper

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

### Level 2

Assignments rated *Level 2* permit 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

### Level 3

*Level 3* assignments allow for wood products in excess of 100 lb<sub>f</sub> (Janka scale) and clay or plaster products:

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

### Level 4

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

### Level 5

Metals are allowed in *Level 5* construction.