

D01 Chair

Vicente Carmona Montedonico

ONLY NATURAL

Student Design Competition 2024

[home - furniture]

■ Material Brakedown:

total material use of a single D01 chair

6 meters of 2x2" radiata pine dimensional lumber

*This accounts for the need of only two readily accesible standard 3200mm length lumber.

*This wood is later sectioned and densified to become the linear elements of the D01 Chair.

2848 cm² of 4mm thick birch plywood

*This accounts for the need of only 10% area of a standard 2240x1220mm sheet of plywood.

Provider of this wood is Arauco S.A. which states 100% of their wood comes from sustainable sources and its production plants follow Forest Stewardship Council traceability systems (Maderas Arauco S.A. License Code: FSC® -C119538).

D01 is joined without the need for any type of fastener, adhesive used is Lanco Grip Bond 3 WA-505, which is a non-toxic and low VOC wood glue.

