

# LUST CHAIR

Xavier Lust

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This project, as most of Xavier Lust's creations, is inspired to nature and to the balance of shape and wellbeing. A future-oriented original design, capable of re-interpreting itself over the years, always remaining contemporary. No references to the past, but the focus is on the quest for a unique and intuitive iconicity, targeting an attentive user.

## Shape

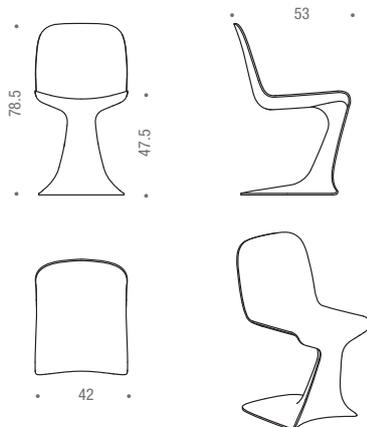
An aesthetic language based on curves, not just as an expression of beauty, but as shape's top structural and dynamic performance. Lust Chair's design is the link among man, matter and nature.

## Framework

A high-performance, mono-material finish and sculptural framework, emphasised by the use of an exclusive material. Made of Dulver, reinforced and printed using I.V.M. (Injection Vacuum molding) automated technology.

For technical specifications of the materials, see page 36.

Available in white.



## Outdoor use

Outdoor use for the chair.

Any material left outside, even if properly treated, can have superficial molecular and colour changes during its lifetime. Of course, the amount of alterations is directly related to the amount of exposure to weather and to the geographical area (for ex., high humidity and/or salinity).

Regular maintenance, for instance periodic cleaning with water, increase resistance to corrosion.

# MATERIALS

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## ■ UHPFRC CEMENT for Rock Table

UHPFRC (ultra high-performance fibre reinforced cement) is a hi-tech product consisting of a cement paste of the latest generation with remarkable technical properties and virtually unlimited applications. The countless organic fibres that mix together with this paste in an apparently random and fortuitous way make up the strong binder which keeps this cement compact, yet incredibly elastic at the same time.

### Main properties

- Environmentally sustainable: composed of organic fibres, it can be recycled as an inert material at the end of its life cycle. Thanks to its features, it is used in smaller quantities, so its CO2 impact is 20-40% lower than traditional cement.
- High strength: one of the most important characteristics is the high compressive strength of the material - four to eight times higher than traditional cement (130 to 200MPa). This allows the creation of complex architectures or pieces of furniture with reduced thicknesses, resulting in extremely light structures.
- Lightness: its specific weight is only 2.40 Kg/dm<sup>3</sup>, which makes it one of the lightest furnishing materials around. It's lighter than marble (2.85Kg/dm<sup>3</sup>), glass (3.20 Kg/dm<sup>3</sup>) and stainless steel (7.48Kg/dm<sup>3</sup>).
- Elasticity: its resistance to bending is 8 times greater than traditional cement.
- Impermeability: since it is not porous, this material has a high resistance to water, withstanding freeze/thaw cycles easily, and to exposure to marine environments.
- Fire resistance: the material is not flammable.
- Durability: on the listing of the BFUP (French Certification Agency), UHPFRC is included as a durable material with a guaranteed life of at least 50 years.

## ■ DULVER for Lust Chair

Dulver® is a highly innovative composite material of the latest generation, composed of a blend of resin and solid charges. The new formulation extends the application limits of resins, and gives the material quite unique features:

- a weight that is lower than water weight and halved compared with other solid surfaces
- mass colouration
- easy repair
- water-proof
- dielectric
- non-toxic
- acid and weather-proof
- resistant to thermal shocks
- velvety to the touch

Dulver® can be 100% restored. It can be brought back to its original look by using Scotch Brite 3M cloths. Standard maintenance and mild soap and water cleaning (do not use any strong or abrasive detergents).