

Ô MATERIA

by
COGITECH

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**“We associate materials
and finishes with processes
adapted to your production
requirements.**

**(unique piece, made-to-measure,
series, eco-responsibility, etc.)”**

Ô MATERIA by Cogitech

COGITECH is developing a cross-disciplinary approach in its workshop, based on the convergence of disciplines. By bringing together Design, Engineering, Materials, Traditional Skills and Digital Manufacturing, over the last 25 years, COGITECH has developed an art of designing and manufacturing exceptional objects. Studio Cogitech was born out of this eco-system, a design studio dedicated to the design of materials.

Innovation in materials and processes.

Studio Cogitech uses materials as fertile ground for creative expression. creativity. The Studio's Ô MATERIA project explores eco-responsible materials and processes.

Ô MATERIA is a library of innovative materials, processes and finishes. and finishes. It is the synthesis of the Design Studio's research.

A complete solution, from the choice of materials and finishes to production in our workshop in France.

More than just a materials library Ô MATERIA's mission is to offer complete support from idea to production. We offer made-to-measure finishes and processes adapted to our manufacturing tools, in our workshop in France (Dijon, Burgundy).

Our team

Ô MATERIA is a multidisciplinary team of engineers, designers and eco-designers. Our engineers and craftsmen are with you from the idea to the production stage. We give you technical and aesthetic advice on the development and design of your projects.



Sylvain
Co-founder



Olivier
Co-founder



Guillaume
Engineering design office



Enzo
Designer



Camille
Apprentice Engineering design office and eco-design.

“We provide complete accompaniment, from the choice of materials and finishes to production, in our workshop in France (Burgundy).”

Our services

Ô MATERIA

Much more than just a traditional materials library, Ô MATERIA offers you support in 3 steps:

- **By inspiring you** with our selection of unique materials adapted to our production tools.
- **By seducing you**, thanks to our customised prototypes and bespoke finishes.
- **By accompanying you** to industrialisation, with our own design office and our workshop in France (Dijon, Burgundy).

Inspire

Material trends

We analyse trends, materials and finishes materials and finishes inspire you and nourish your creativity.

- Meet our engineers and craftsmen & see our selection by theme and type of material.



Seduce

Customised solutions

Support for materials design: texture, colour, characterisation, etc.

Development of the most appropriate material/process combinations for a project.

Measuring the environmental impact of proposed materials.

- Consulting solution and creation of customised sample cases, materials files, style books for finishes, etc.

Support

Production and manufacturing

Support in choosing materials according to specifications: eco-design, pre-sizing, performance, etc.

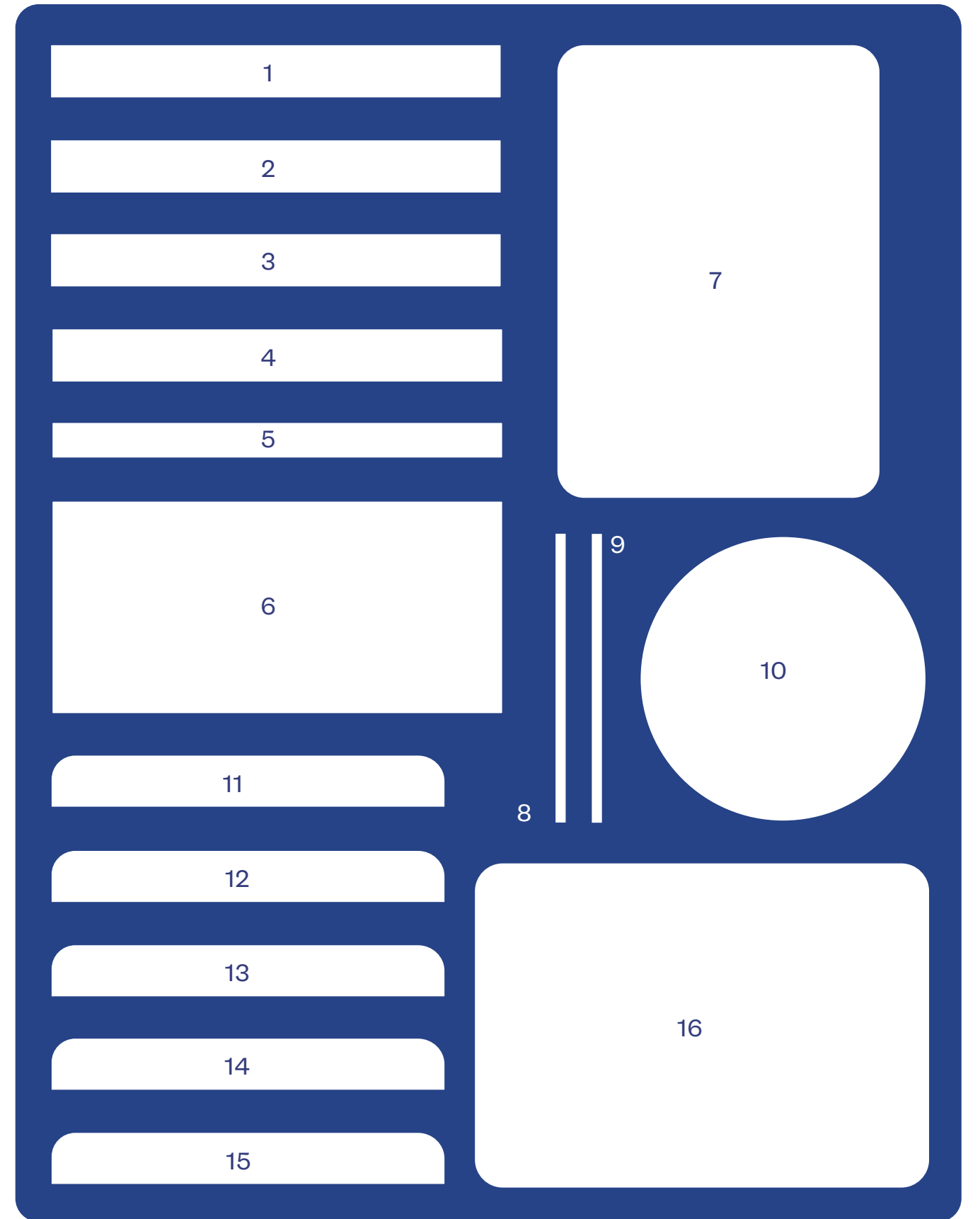
Development of techniques around the objects or products to be produced: execution plan, 3D file, tools, etc.

- *Creation of a functional prototype and demonstrator.*
 - *Going into production*





Ô MATERIA'S SELECTION *Eco-responsible*



minéro

Mineral expertise..

Minero is the mineral solution developed by Cogitech and its Studio. Depending on the application and requirements, this material can be used as a structural mortar, mineral coating or fine mortar. Minéro can be applied in a mould, shaped by hand and sprayed straight on a surface. The different shades and pigments offer a wide range of colours, with finishes ranging from the roughest to the most sophisticated. from the roughest to the most sophisticated.



Environmentally friendly

No cooking required during processing, air drying.



New life

Our coatings use recycled raw materials.



Made 100% in France

We carry out all projects in our workshops in Dijon.



Density

1.8



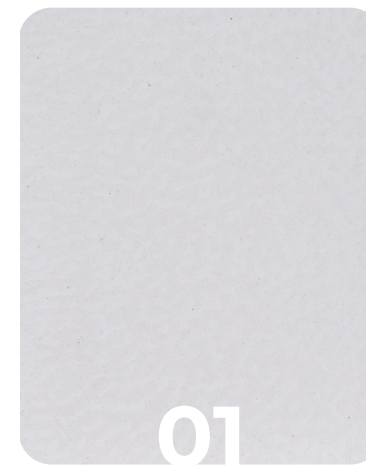
Application

Indoor/Outdoor



Finesse

1mm - 10mm



01
Minero
Rough / Matt



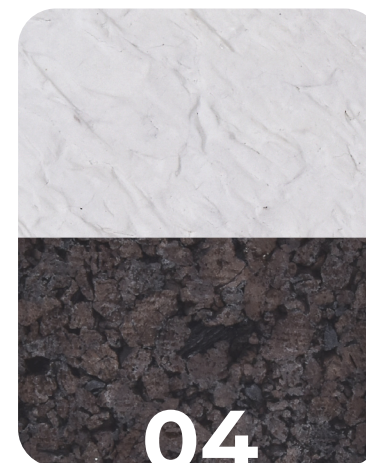
02
Minero
Tinted / Matt & gloss

Sample no. 01 shows the classic Minero finish with matt varnish. Sample no. 02 shows the difference in finish between matt and gloss varnish.

This sample No. 3 is covered with a fine tinted mortar, then die-cast to give a stone effect. This effect is enhanced by a matt and gloss finish.

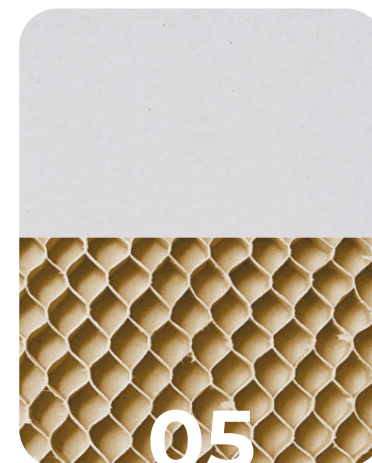


03
Minero
Tinted / Matt & gloss
Textured



04
Minero
Raw / Matt / Textured
Expanded cork base

Sample no. 04 has an expanded cork core, making it possible to produce lighter, more eco-responsible objects.



05
Minero
Raw / Matt
Honeycomb card base

Sample 5 has a lightweight, rigid honeycomb cardboard panel structure.



06
Minero
Raw / Matt / Textured
Cardboard tube base



07
Minero
Sand / Matt
Expanded cork base

In sample no. 6, a mineral mortar was sprayed onto a cardboard tube and then textured.

Sample 7 consists of a cork core machined into the shape of a dune, then coated with Minero with a light sand finish.



Water wall - RDAI



Lithos coffee table, Manufacture XXI



Table basse Luo, 3 modules, Fabrication XXI

Natural fibres

A more responsible composite solution.

The use of natural fibres allows us to create eco-friendly composites based on bio-sourced epoxy resin. This solution can be moulded for structural and/or appearance applications. With a lower density than conventional fibres (glass/carbon), flax fibre can be used to produce lightweight parts without compromising structural strength.



Environmentally friendly

Linen fibre and bio-sourced epoxy provide a more environmentally-friendly solution than a conventional



New life

Our composites use raw materials that are largely bio-sourced.



Made 100% in France

We carry out all projects in our workshops in Dijon.



Density

1.4



Application

Indoor/Outdoor

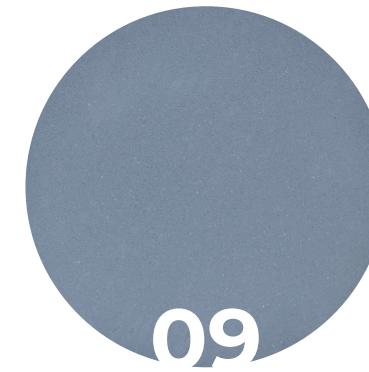


Finesse

1mm - 10mm



08
Linen fibres
Raw / Transparent



09
Linen fibres
Minero / Tinted

Sample no. 08 is made from flax fibre infused with a biosourced resin. A fine Minero mortar is sprayed onto sample no. 09 as a finish.

A half-sphere made from flax fibre and bio-sourced resin, covered with a fine Minero mortar that is tinted and then sanded to give it a rough appearance.



10
Linen fibres
Minero / Tinted
half-sphere



Ô Materia is the parent company of Terre de Lin, a cooperative specialising growing and processing fibre flax.



Terre de Lin

matière papier

A solution made from recycled paper fibre.

Matière Papier is an eco-responsible composite made from recycled cellulose. Cold-processed, this material can be moulded or shaped. It is designed for interior use.



Environmentally friendly

No cooking required during processing, air drying.



New life

Matière Papier is made from 70% recycled paper, water and mineral binder.



Made 100% in France

We carry out all projects in our workshops in Dijon.



Density

0.8



Application

Indoor

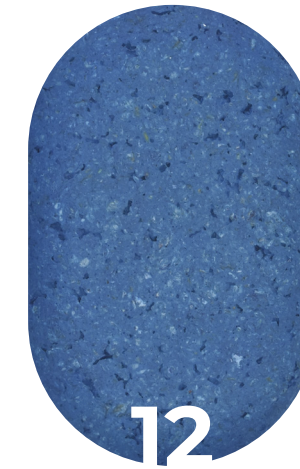


Finesse

10mm - 40mm



11
Matière papier
Natural / Matt



12
Matière papier
Tinted / Matt



13
Matière papier
Tinted / Gloss

Samples 11 to 15 are shaped in moulds. There is a wide range of colours, obtained using natural pigments. The finishes allow you to choose between a raw or more sophisticated look.



14
Matière papier
Natural / Lacquered



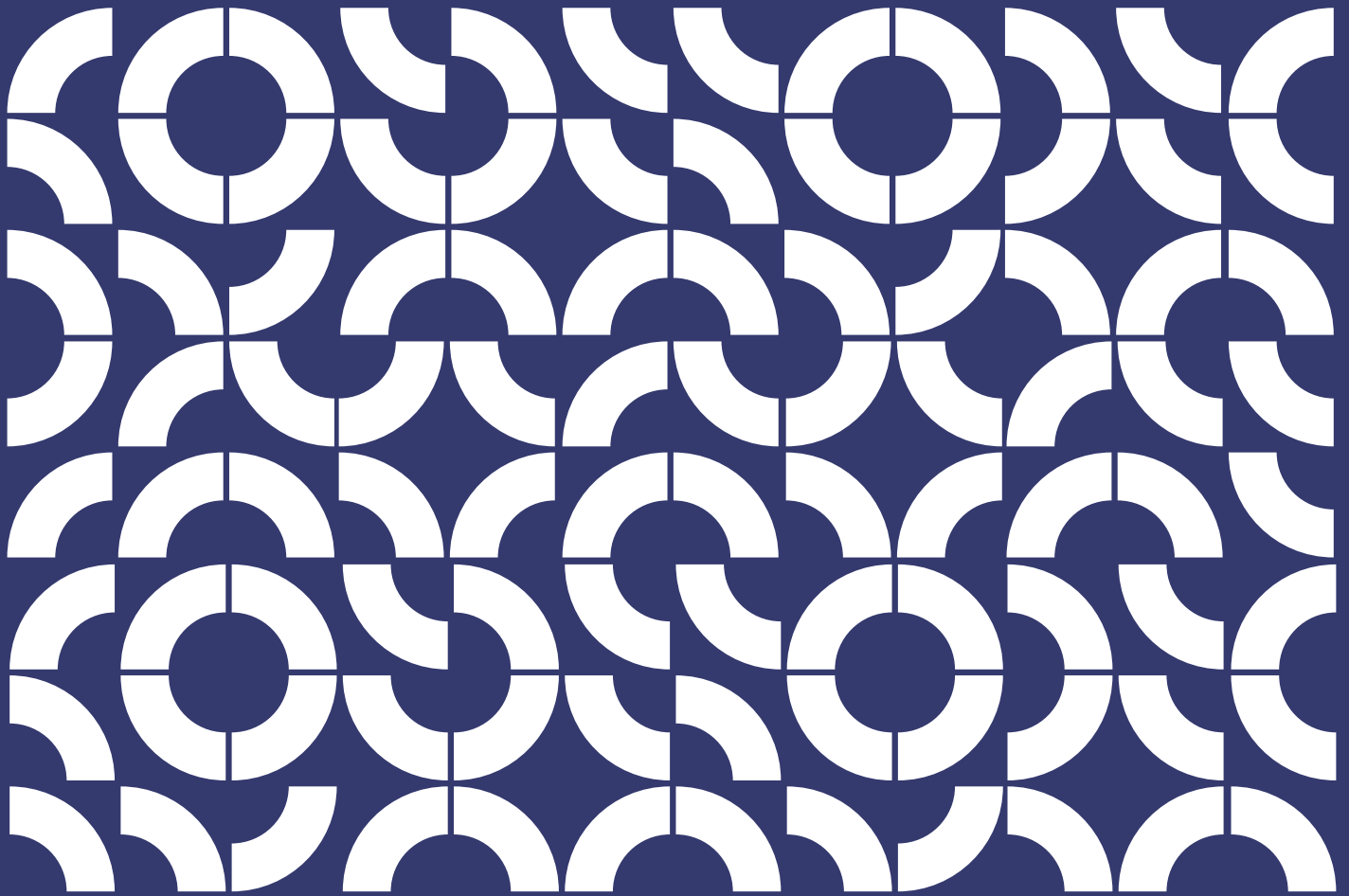
15
Matière papier
Tinted / Matt
22 carat gold



16
Matière papier
Rough / Machined

Sample no. 16 is machined into a rock pattern, then covered with fine tissue paper, acting as a white filter.

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