

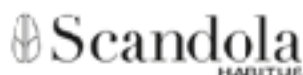
Timber and technology: these are the new materials that Scandola Mobili will be presenting at Euro-Cucina 2022

EuroCucina 2022 is the event we have chosen to show people what's new in the Scandola Mobili world. Most notably, the introduction of a new timber — oak — into our previously single-timber product range. In addition to this new entry, there are plenty of other materials being added to produce kitchens designed to create stylish atmospheres and unique visual and tactile experiences.

Fluted panels, pressed panels and special veneers: a new approach to wood and to creating kitchens that sport a unique design. **Technically cutting-edge materials that, when teamed with more traditional elements, can create interiors that captivate and, at the same time, make you feel at home.**

Modern design for a material widely considered traditional. **Fluted panels feature 3D machining** that effectively creates a new look. An eye-catching play of light and shadow destined to turn the heads of even the most indifferent.

New textures, breathing new life into tried-and-tested surfaces: **pressed panels bring the wow factor, arousing visual and tactile curiosity.** Different textures, pairing perfectly with oak, for an overall result with a distinctly modern feel.



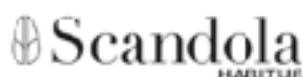
But perhaps the most striking new development is the **introduction of special veneers, featuring unique colours, achieved with an age-old process, with no coatings or colouring agents.** The distinctive colour of the resulting veneers actually comes from a **timber smoking process**, which **exploits the presence of the tannins naturally found in its fibres.** This is a technique that dates back centuries, the product of an accidental discovery made in England after it was noticed that wood darkened quickly in contact with the ammonia fumes produced by horses. And so timber smoking gained increasing popularity among woodcraftsmen and the technique spread across the whole of Europe.

Today, smoking with ammonia salts is done in just a handful of facilities with strict controls in place to meet the most severe selection and safety standards. **The wood is placed in an airtight autoclave, where it stays for 2-3 weeks in contact with ammonia salts heated to a temperature of 60°-70°.** As they react with the wood's tannins, the ammonia fumes trigger reactions that give the wood its darker colour, not just on the surface, but deep down. The wood actually undergoes an internal mutation and the grain becomes more evident, boosting the material's appeal.

Smoking **changes the timber deep down, not just on the surface.** In the case of Oak, smoking **turns its characteristic straw-yellow hue a warm hazelnut colour, which can ultimately go a dark brown with intense black graining.** It all depends on the concentration of tannins in the original wood and how long it is left in the autoclave.

Oak is the timber that brings together all the materials presented thus far. Oak is the **real hero of the many new offerings being presented by Scandola Mobili at EuroCucina 2022.**

Belonging to the Fagaceae family, oak is a **long-lived tree that can reach an impressive 300 years of age.** It has a **distinctive grain and is a yellow-**



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ish brown colour. This is a **highly flexible, durable timber whose beauty invariably stands the test of time, being strong and hard to scratch.** In addition to its many technical qualities, it is a visual showstopper, creating on-trend kitchens with textures and lines that are the very embodiment of Nature.

