

Panel Collection

High Gloss PET
Super Matt PET
Industrial Mood
XSILK



Lanta
ILCAM GROUP

Made in Italy

Laminlac

Pushing the **boundaries**
of performance and aesthetics.

LANTA's Laminlac panels are the result of an innovative PET processing technology that sets out to push the boundaries of performance, aesthetics and sustainability. The front surface is faced with PET sheeting, the back with melamine in the same colour. They come in **High Gloss** and **Super Matt** versions - in an extensive range of colours - as well as an **Industrial Mood** version, with finishes inspired by certain distinctive materials and a single colour for the rear surface. Extremely versatile, they have been designed to be converted into components for furniture in any room of the home, though they have many other potential applications.



High Gloss PET

Glossy surface with a **gloss level of 95**, perfectly **smooth** to the touch.

Super Matt PET

Matt surface with a **gloss level of 5**, beautifully **velvety** to the touch.

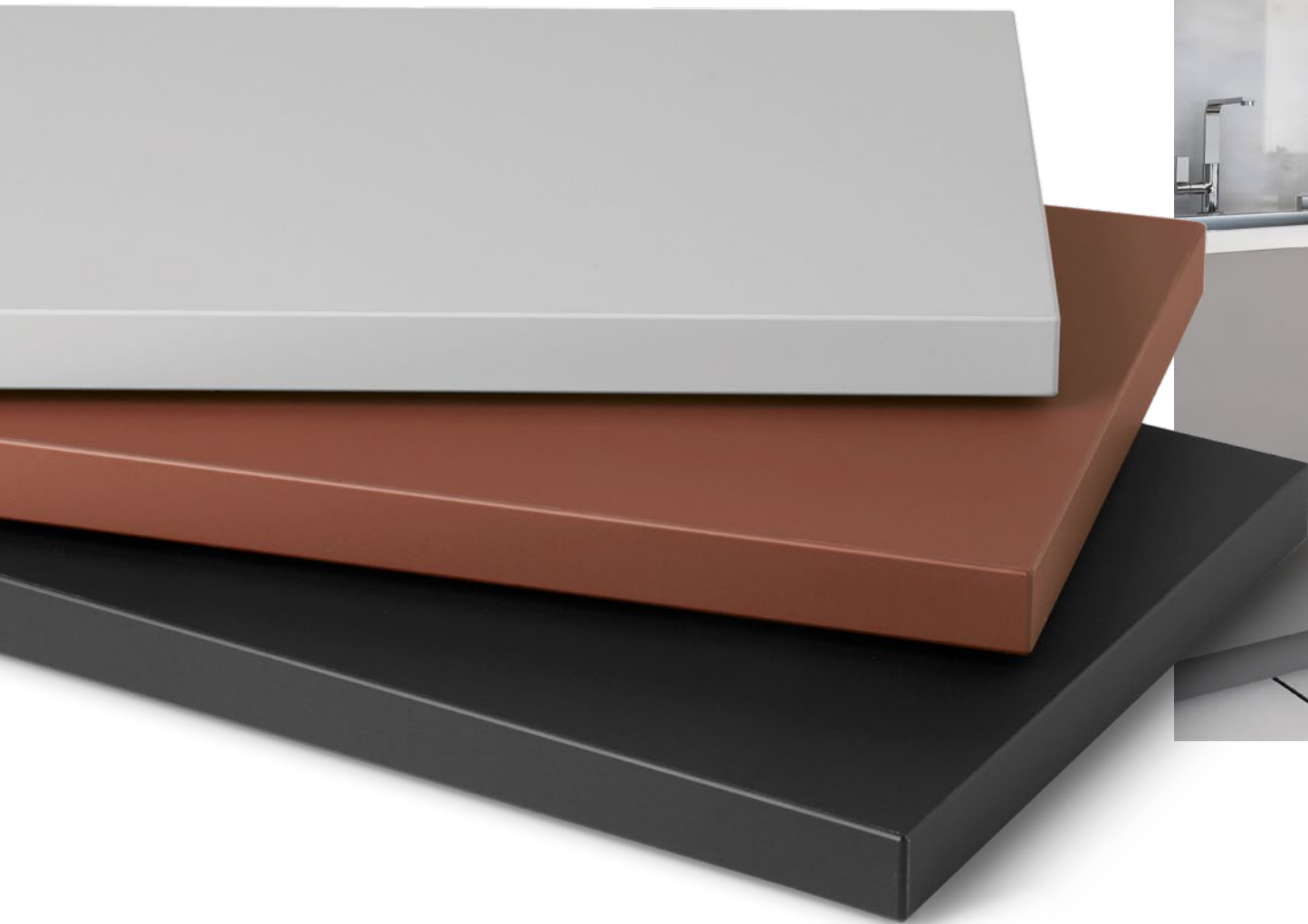
Industrial Mood

Surface with finishes that mimic the appearance of certain **distinctive materials**.

XSILK: smart material, soft-touch elegance and distinctive properties.

XSILK

The XSILK panels offered by Lanta are intended to be incorporated into all manner of furniture and are an excellent marriage of performance and aesthetic qualities. **The point of difference lies in the application of the facing on the back as well as on the front surface.** The elegantly matt and fingerprint-proof XSILK panels, which come in 8 standard colours, are on-trend in their design and provide wonderfully tactile experiences. As an added bonus, they can be repaired: minor scratches on the surface can be eliminated with a heat process.



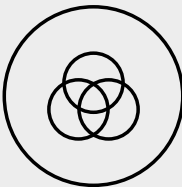
Performance that makes the difference.

The aesthetic qualities of the panels in the LANTA collection are complemented by performance features that make them extremely hard-wearing and keep them looking like new for years. On top of this, leading certifications attest to their sustainability.



Abrasion and scratch resistance

High abrasion resistance has been demonstrated with a testing system that puts the surface through a cycle of 160 rubs with an abrasive nylon/alumina material. The scratch resistance rating of 5, equivalent to a force of 7.5 Newtons, is the highest possible rating and has been demonstrated with tests in accordance with European standards EN-14323:04 and EN-438-2, which define resistance to a scratch deep enough to be easily seen on a vertical surface.



UV-stable colours

The use of fade-resistant coatings allows the colour to retain its original appearance and not deteriorate when used under normal, correct service conditions. The pigments used are particularly stable, meaning they do not deteriorate even with prolonged exposure to light, including UV rays. This quality means furniture components can be replaced or added to without being able to see any difference in colour. Each lot produced is checked using a spectrophotometer. Colour stability is rated as 5 on the Grey Scale and 8 on the Blue Scale, according to European standard EN-14323:04.



Testing with cutting-edge systems

To show they meet the highest standards of quality, our products are required to pass strict testing and quality control inspections carried out using some of the most accurate optical and electronic systems in the world. Panels with any surface defects are identified automatically and immediately rejected.



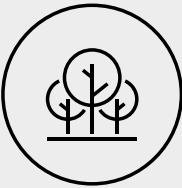
Traceability

A code can be found on each lot of panels so that it can be traced at any time, both on its journey along the supply chain and once the panels have been converted into a component for the finished products.



High chemical resistance

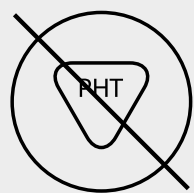
The surface is tested with harsh procedures to offer class 1B high chemical resistance according to the requirements laid down by German/EU standard DIN-68861-1:81.



FSC, TÜV and CARB certification

The initial semi-finished substrates - MDF - are FSC (Forest Stewardship Council) certified, which attests to the fact that they are made with wood from responsibly managed forests. The panels are certified by TÜV, a renowned body that develops safe and sustainable solutions on a global scale, marked by a virtuous interaction between man, the environment and technology. They are also CARB (California Air Resource Board) certified based on the ATCM (Airborne Toxic Control Measure), which aims to reduce and monitor formaldehyde emissions from composite wood products used in California.





Phthalate free

The panel facing materials are phthalate free, meaning they are safer and have no health implications for users. Phthalates are one of the categories of substances that most commonly contaminate homes.

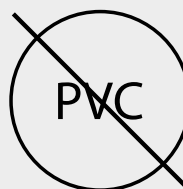


Repairability

Any minor scratches produced on the surface of the **XSILK** panels can be repaired with a simple, immediate heat process.

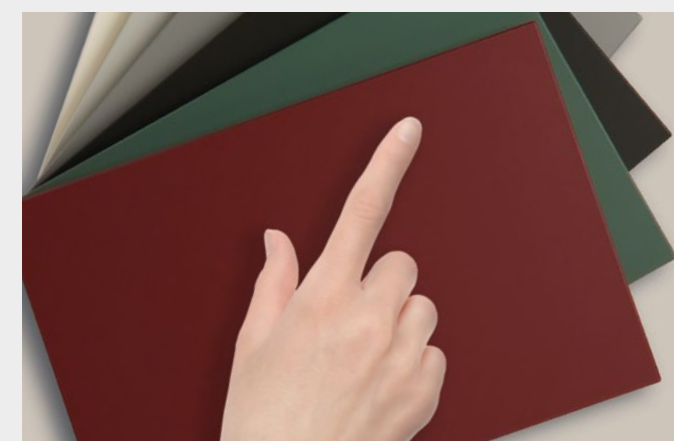


XSILK



PVC free

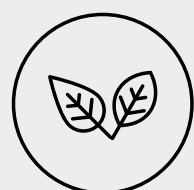
The materials used to face the panel are PVC (polyvinyl chloride) free.



Fingerprint proof

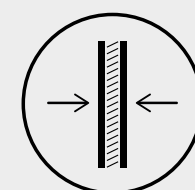
The matt-finish surfaces of the **XSILK** panels are fingerprint proof.

XSILK



Extremely low VOC emission levels

The panel has extremely low VOC (Volatile Organic Compounds) emission levels, well below the minimum quantities that are usually the standard for the furniture industry. VOCs are hydrocarbons found in the gaseous state at normal room temperatures. They can be either biologically generated or come from man-made sources. There are over a thousand, but the most common in the air are methane, toluene, n-butane, -pentene, ethane, benzene, n-pentene, propane and ethylene.



Facing on both sides

The **XSILK** panels have the same facing on both the back and front surface.



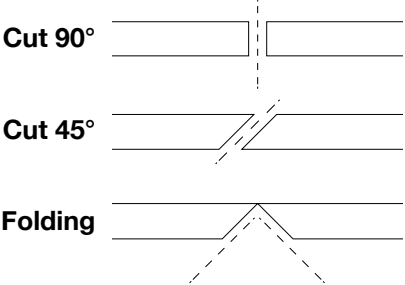
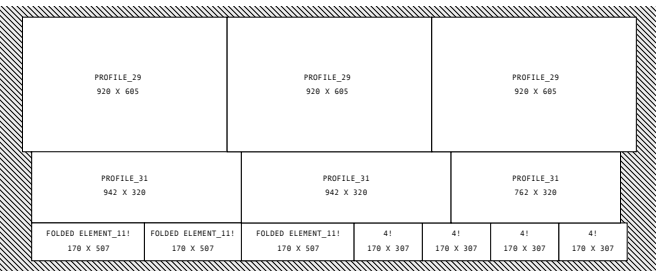
XSILK



LANTA: experience, productivity, innovation and quality.

Backed by solid experience and the strength that comes from being a member of the ILCAM Group - Europe's number 1 furniture door manufacturer - LANTA is a go-to supplier for the furniture industry, consistently offering reliable, innovative and sustainable products. The first port of call for top Italian and international furniture brands, our business is growing steadily in terms of both production volumes and sales performance. From total quality - a value that pervades every aspect of our business - through to our ability to provide custom solutions, our focus on customer satisfaction informs every decision we make.

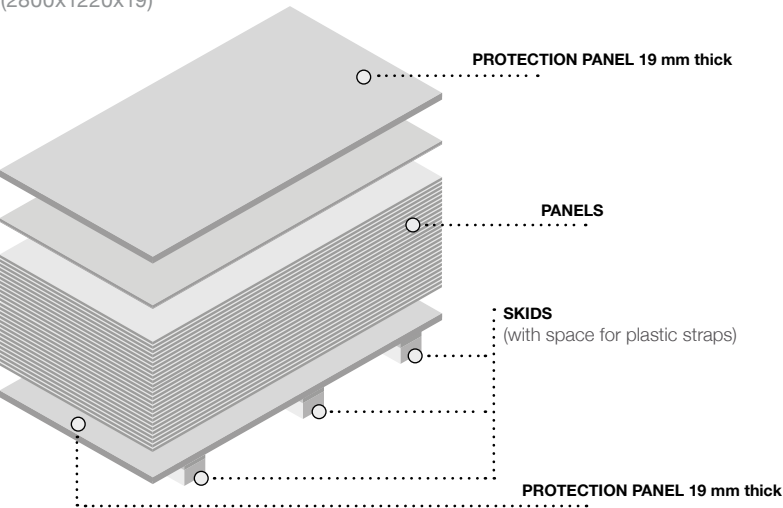
Optimized panel sizing and different cuts.



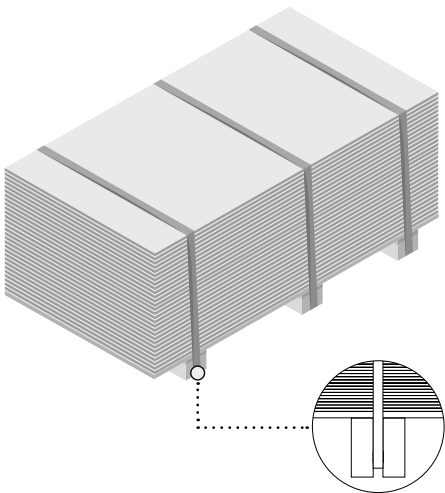
Advanced packaging and logistics.

Alongside the many advantages offered by the panels in the LANTA collection, there is the added plus of dealing with an industrial organization that goes to great lengths to ensure products are distributed correctly, starting with a packaging system designed to provide the utmost protection through to an advanced logistics service that employs cross docking to improve delivery times.

PALLET COMPOSITION PANELS
(2800x1220x19)



PACKING OF PANELS
IN PALLETS (2800x1220x19)



CARRIER COMPOSITION*

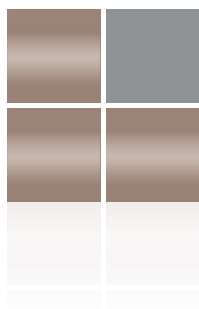
PALLET SIZE: 2800 x 1220 x 450 mm (+ SKIDS) PALLET WEIGHT: 1,3 tons

FULL TRACK**	16 Pallets	21 tons
CONTAINER 40'	16 Pallets	21 tons
CONTAINER 20'	8 Pallets	11 tons

* The data contained in this document are indicative. For more information please ask to sales office.
** Trailer Centinato

Note

[illegible]



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CHALLENGE US. NOW.

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