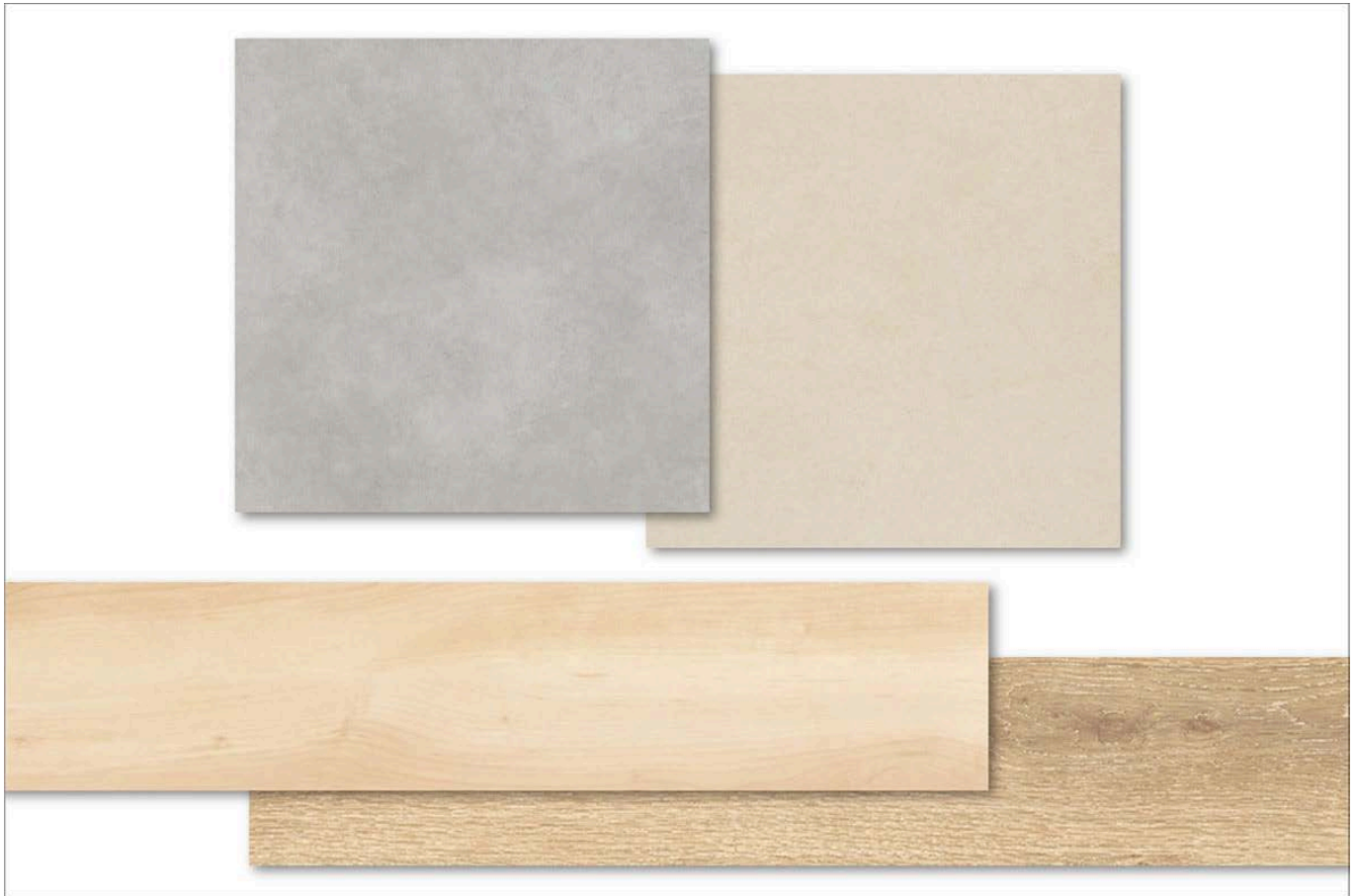


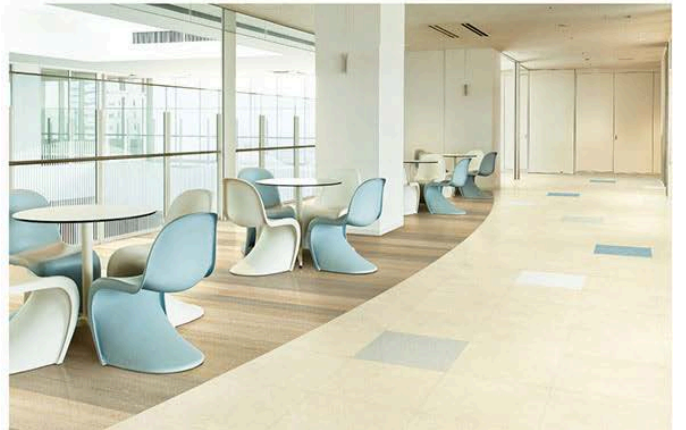
**Column : Loose lay tile for offices.**  
**[Product Development History ② LAY FLAT TILE]**



Nowadays, vinyl floor tiles made of plastic are widely used as finishing materials for floors in various buildings around the world. In particular, for office spaces with raised floors that have wiring underneath, "Vinyl Loose Lay floor tiles" are generally preferred over traditional vinyl floor tiles.

Vinyl Loose Lay floor tiles are typically installed using the "loose lay installation method," which, as the name suggests, does not require strong adhesives. This makes them easy to install and remove when modifications to the wiring are needed. The 5mm thickness of the tiles prevents unevenness in the raised floor from showing on the surface of the loose lay tiles. While originally developed for use on raised floors, there are now versions that can be installed on mortar and floor heating subfloors. Additionally, some types can be installed over existing vinyl floors, offering a quick installation process that minimizes noise and dust. Thanks to these expanded features, they are now widely used in various facilities, including hospitals, schools, and stores.

## The history of TAJIMA LAY FLAT TILE development.

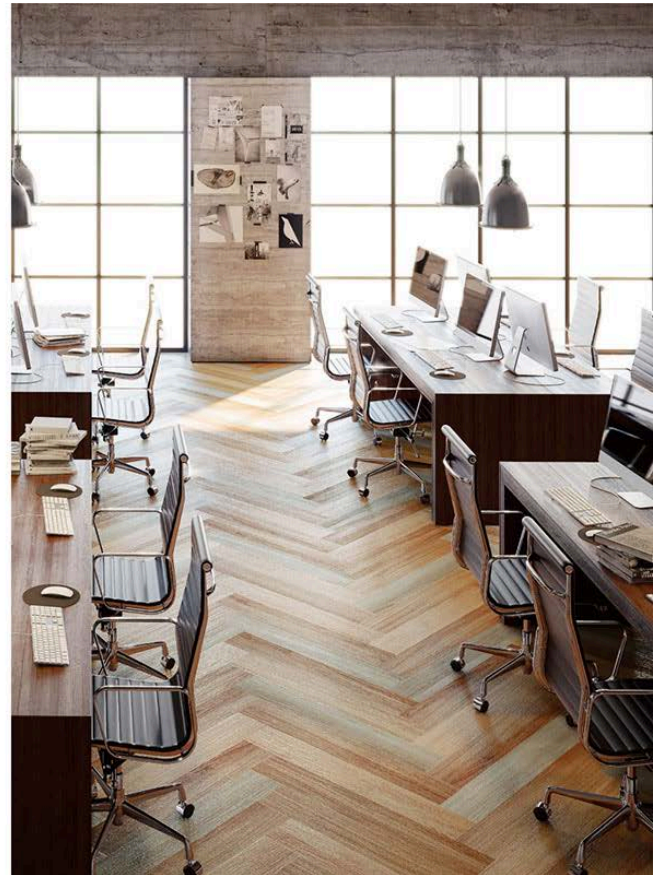


While Vinyl Loose Lay floor tiles are now used worldwide, Tajima was the first company to develop these flooring materials in 1988. At that time, many companies were transitioning to office automation, and raised floors were becoming popular to facilitate flexible office layouts. The only major option for finishing materials on raised floors was carpet tiles. The introduction of Vinyl Loose Lay floor tiles was highly praised for offering greater design flexibility, avoiding fatigue and tear or loose piles common with carpet, and being easy to maintain. Since then, the demand for "loose lay installation," which allows for easy installation and removal of floor coverings, has steadily increased. These products have continued to evolve, incorporating various features and improving ease of use.



**"LAY FLAT TILE FA": Designed for greater design possibilities and enhanced ease of use.**

**"LAY FLAT TILE LF-3000": Features a UV resin coating for improved stain resistance.**



Left: Sample book of LAY FLAT TILE FA Right: Installation image of LAY FLAT TILE LF-3000

"LAY FLAT TILE FA" was launched in 1995 and featured a laminated film type to offer more design possibilities. The color and pattern lineup included carpet-like designs intended to be combined with carpet tiles, as well as stone and wood grain patterns derived from Tajima's popular tile series MATIL and WOODLINE.

"LAY FLAT TILE LF-3000", released in 2003, featured a UV coating on its surface layer. This enhancement in stain resistance made maintenance much easier, establishing it as the primary series of LAY FLAT TILE series for about 20 years, with colors and patterns updated to align with contemporary trends.

## **LAY FLAT TILE continues to evolve incorporating various functions.**

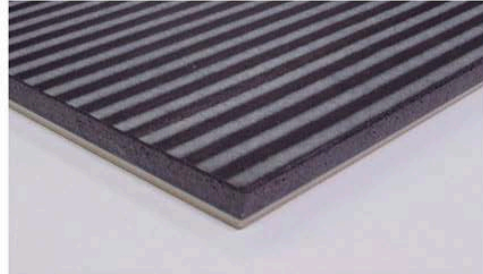
Here is an introduction to the current lineup of the LAY FLAT TILE series. As we have seen, although it was initially launched exclusively for raised floors, LAY FLAT TILE has continued to evolve by incorporating various functions to meet market demands.

**"LAY FLAT TILE LF-2000": A cost-effective option.**

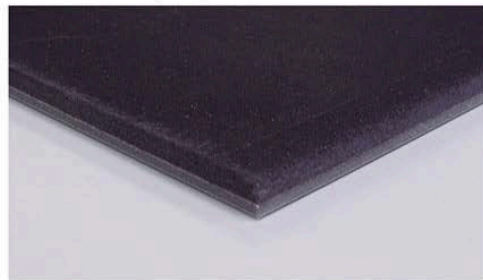
**"LAY FLAT TILE Self Tack": Designed with user convenience in mind for renovation projects. ※Build-to-order product**



Self-Tack product



Standard product



Left: Installation image of LAY FLAT TILE LF-2000(LF-2106) Right: Back side comparison of Self-Tack and standard product

LAY FLAT TILE LF-2000 is a general-purpose type with an economical price, focusing on basic performance, making it suitable for projects with limited budgets.

"LAY FLAT TILE Self-Tack" is a build-to-order product featuring lateral displacement prevention on its backside, a development pioneered by Tajima. It is installed using double-sided tape instead of adhesives, which reduces odor during floor renovation and enhances user-friendliness. Additionally, these tiles do not leave a sticky residue on the back surface or subfloor when removed, minimizing the risk of staining surrounding walls and floors and making sorting and collection easier.

※"LAY FLAT TILE Self-Tack" is a build-to-order product compatible with the "LAY FLAT TILE NO WAX" and "LAY FLAT TILE LF-5000" collections. Please refer to the product page for details on ordering conditions.

**"LAY FLAT TILE LF-5000": Offers advanced antistatic properties.**  
**"Anti-Chemical LAY FLAT TILE LF-9000": Excellent chemical resistance.** ※Build-to-order product



Left: Installation image of LAY FLAT TILE LF-5000(LF-5710, LF-5702) Right: Installation image of LAY FLAT TILE LF-9000(LF-9216)

"LAY FLAT TILE LF-5000" is a loose lay vinyl floor tile with excellent antistatic performance, designed exclusively for raised floors. It is ideal for server rooms, computer rooms, and production facilities where controlling static electricity is essential.

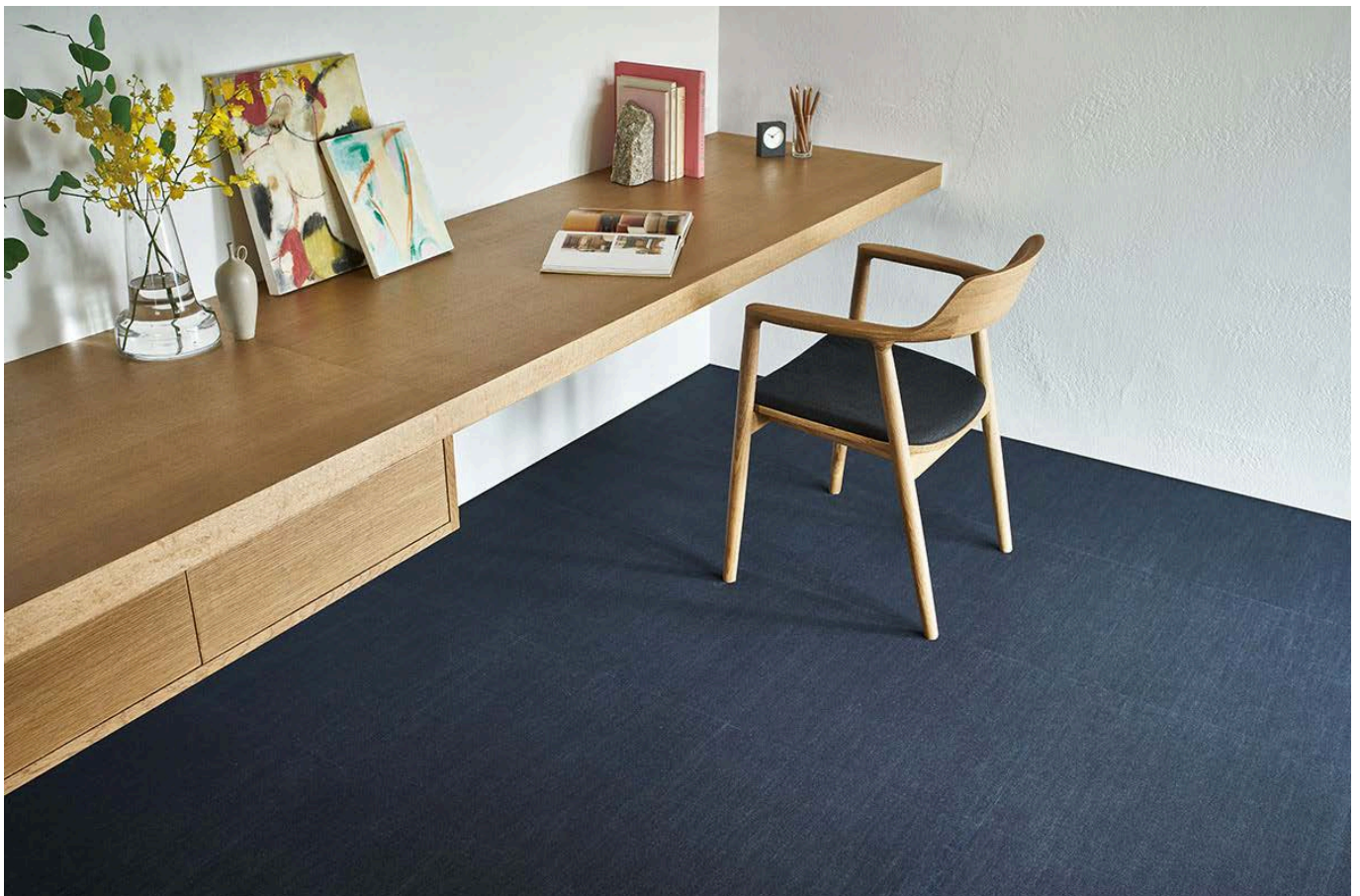
For research facilities and laboratories where chemicals are handled, "Anti-Chemical LAY FLAT TILE LF-9000" is an excellent option due to its superior chemical resistance and antistatic properties.

※"Anti-Chemical LAY FLAT TILE LF-9000" is a build-to-order product. Please refer to the product page for details on ordering conditions.

**"LAY FLAT TILE MORTALIKE" and "DENIM FLOOR" offer unique design possibilities.**



Installation image of LAY FLAT TILE MORTALIKE(LM-4571)



Installation image of DENIM FLOOR(DML-101)

While we have introduced various Vinyl Loose Lay tile options focused on functionality, we also offer other choices for those seeking unique design possibilities.

"LAY FLAT TILE MORTALIKE" is a homogeneous vinyl loose lay tile produced using the same kneading method as vinyl composition tiles. Its material texture replicates a realistic mortar-like appearance and is highly valued by designers who have a particular preference for distinctive design.

"DENIM FLOOR" is an original flooring material developed in collaboration with KAIHARA, a leading Japanese denim manufacturer. This unique tile features a surface layer made from real denim, giving it a distinctive character. Like denim clothing, it develops more character and appeal with use and age.



## "LAY FLAT TILE NO WAX" sets a new standard for office flooring with its wax-free maintenance.



Installation image of LAY FLAT TILE NO WAX(LN-1719, TZ08-642(TAPIS MONOCHROME TWEED))

The latest addition to our range is LAY FLAT TILE NO WAX. Since its launch in 2019, it has gained steady acceptance in the office market due to its wax-free maintenance and has become the main series in the LAY FLAT TILE lineup. The surface layer features a stain-resistant, easy-to-clean UV resin coating that keeps the floor looking beautiful with just daily cleaning, reducing the time and cost associated with waxing. Additionally, the elimination of waxing or stripping processes minimizes environmental impacts such as CO<sub>2</sub> emissions and waste liquids.

All products have been renewed in spring 2024. The low-gloss surface has been enhanced to achieve a more matte, high-quality finish. Additionally, the color and pattern lineup has been expanded to include popular wood grain, stone grain, and mortar designs.

# LAY FLAT TILE, an environmentally friendly flooring material.

The LAY FLAT TILE series uses recycled materials for the majority of its lower layer. The loose lay installation method allows for easy removal from the subfloor and sorting of used materials, facilitating recycling without the need for disassembly or separation. In Japan, there is a system for collecting these tiles after use and recycling them into raw materials for new flooring production, making it an environmentally friendly flooring option.

By incorporating various environmentally friendly initiatives, we will continue to refine the LAY FLAT TILE series to enhance ease of installation, maintainability, and design to meet current and future demands. We hope the LAY FLAT TILE series will become a compelling choice for office space design and for those considering vinyl loose lay tiles.



[LAY FLAT TILE NO WAX Digital Catalog](#)

[LAY FLAT TILE NO WAX Product Page](#)

[LAY FLAT TILE MORTALILE Digital Catalog](#)

[LAY FLAT TILE MORTALIKE Product Page](#)

[DENIM FLOOR Product Page](#)

[LAY FLAT TILE LF-2000 Product Page](#)

[LAY FLAT TILE LF-5000 Product Page](#)

[Anti-Chemical LAY FLAT TILE LF-9000 Product Page](#) ※Build-to-order product