



DI-NOC™

Architectural Finishes

Case Study | 2024

New attractions along
with 150 years of memories

Building complex directly
connected to Osaka Station

JP Tower Osaka | KITTE Osaka



3M™ DI-NOC™ Architectural Finishes

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**Directly connected to Osaka Station,
a building complex that inherits
150 years of memories and presents
new attractions of the city**

~Design of JP Tower Osaka by Nikken Sekkei~

In the spring of 2024, JP Tower Osaka was completed in the west area of Osaka Station, a large complex of office, retail, theater, and hotel facilities.

The tower was built on the site of the first Osaka Station, which opened in 1874, and where the former Osaka Central Post Office had stood since 1939. In the main atrium, part of the former Osaka Central Post Office building has been preserved and relocated.

Nikken Sekkei Ltd. designed the building. 3M™ DI-NOC™ Architectural Finishes and 3M™ FASARA™ Glass Finishes harmonize with and add color to the interior, which changes expression depending on the space.



Nikken Sekkei Ltd.

Associate Architect, Design Group
Kaori Kohata

Design Group Associate
Futoshi Ishii

Director Architect, Design Group
Takehiko Kuge

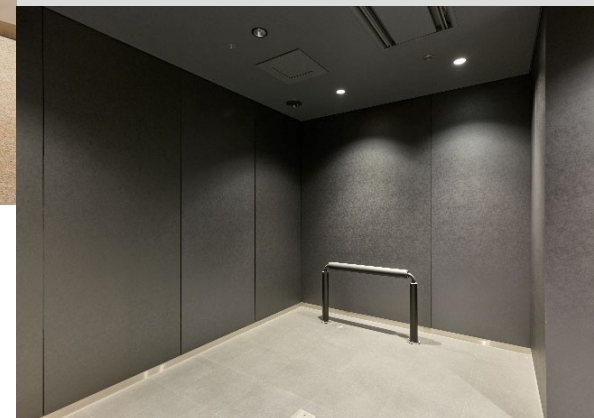
(From left to right in the photo)



3M™ FASARA™ Glass Finishes
Milky Milky Dark Gray (SH2MAM-MD) was used to provide privacy for the tenants on the second floor.
The toned-down dark gray color harmonizes with the texture of the glass, providing a natural form of opacity that differs from the milky white film used in the building.
(The photo was taken in June 2024.
The current appearance of the building may differ from the photograph taken in June 2024.)



1st Floor Common Area Corridors: AE-1955
The AE-1955 finish, with its abstract pattern, was selected to harmonize with the stone flooring, subtly connecting the various spaces without being overly dominant.



B1F smoking room wall surface: ME-2284AR
A smoking room with a chic and relaxed atmosphere. The walls are finished with DI-NOC™ AR Abrasion Resistant Series metallic tone ME-2284AR, as the space experiences frequent use, and maintenance is important.

**“3M™ DI-NOC™ Architectural Finishes have
more flexibility in color and texture.
The time has come to choose not only by
durability but also by design.”**

Takehiko Kuge, Nikken Sekkei Ltd.



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JP Tower Osaka | KITTE Osaka

A monotone worldview that welcomes a variety of tenants

Application Location | Elevator hall wall, corridor wall, restroom wall

Interior design of office standard floor

Expressed with 3M™ DI-NOC™ Architectural Finishes wood grain design

The office floors are expected to see tenant turnover after opening, so 3M™ DI-NOC™ Architectural Finishes was chosen for the walls of the standard floors because of its effectiveness in resisting damage caused by work when tenants move in and out and its ease of daily maintenance.

3M™ DI-NOC™ Architectural Finishes was custom-made in a gray wood-grain design with a subdued color and a sense of intonation to create a monotone space that harmonizes with the corporate colors of each company, without interfering with their corporate identity.

“We compared DI-NOC™ Architectural Finishes with other finishing materials, and the results of a stain wiping performance test conducted for business owners were the deciding factor to use DI-NOC™ Architectural Finishes.” Futoshi Ishii, Nikken Sekkei Ltd.



Aisle wall near restrooms on a standard office floor: Custom design



Restroom wall on standard office floor: PS-1187, Custom design



Elevator hall wall on a standard office floor: Custom design
The wood grain pattern that emerges with the lighting creates a high quality space.

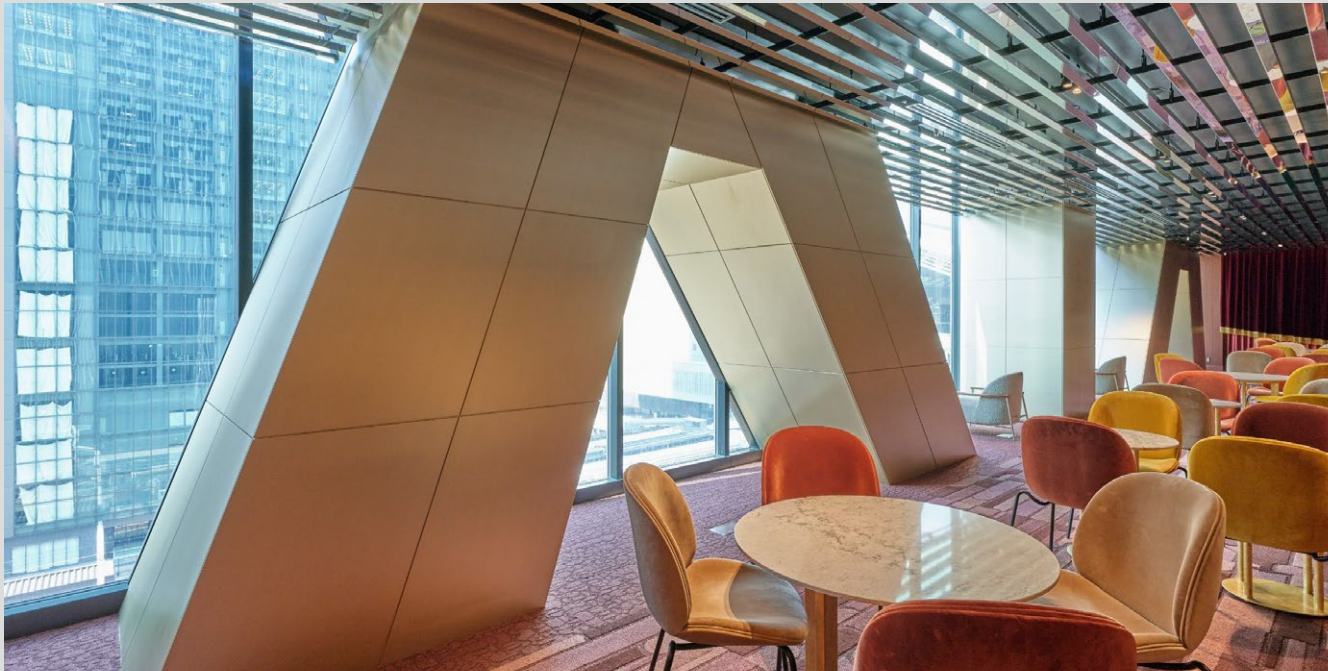
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JP Tower Osaka | KITTE Osaka

Retro lounge space inspired by a social club

Application Location | Pillars, automatic doors, and joints in the curved ceiling



Interior design of the office lounge

The 8th floor has a lounge for tenants, inspired by an Osaka social club. The lounge is a space that can be used for meetings and can also be rented out for events, providing workers with a place to relax and socialize. The interior columns, automatic doors, and curved ceiling joints are covered with a metal-like 3M™ DI-NOC™ Architectural Finishes, creating a gorgeous, high-quality space. The DI-NOC™ Architectural Finishes, which expresses the luster and texture of real metal, is used throughout the space without compromising the luxurious feel of the space.

The large expanse of window glass on one side of the room is covered with 3M™ Sun Control Film, a thermal barrier film that helps maintain a comfortable indoor environment without the view being blocked by curtains or blinds.

Lounge columns: ME-1997

The columns, which are exposed in the structure, are finished in metal tone ME-1997 to express the high quality of metal panels.



Joints in the lounge curved ceiling: ME-1997

A soft curved ceiling reminiscent of the salons of yesteryear. Despite its retro atmosphere, the joint division and joint width give it a modern sharpness. In a space with low illumination, ME-1997, which has a brass-like texture, is effectively used as an accent in the joints.



Automatic lounge door : ME-486

The ME-486 on an automatic door that beautifully expresses both serenity and glamour. "The metal tone of the ME-486 tends to be gaudy in a normal space, but in a stately, low-lit lounge space, it fits in better than I expected." Taishi Ishii, Nikken Sekkei Ltd.

"The metallic series of 3M™ DI-NOC™ Architectural Finishes are really useful. The texture is perfect. I could really feel it in this project."

Futoshi Ishii, Nikken Sekkei Ltd.





Joints in the lounge curved ceiling: ME-1997
Automatic lounge door : ME-486



Restrooms that correspond to the floor concept Enjoyable and relaxing space experience

Application Location | Restroom walls on each floor

Interior design for the commercial facility “KITTE Osaka”

“KITTE Osaka” was designed as a facility where visitors can rediscover the charms of various regions of Japan. The floors from the first basement to the sixth floor are lined with a variety of restaurants and antenna stores. The restrooms on the commercial floors, which are visited by many people, were designed to match the theme of each floor. To maintain the beautiful appearance of the restrooms for longer, the 3M™ DI-NOC™ Architectural Finishes AR Abrasion Resistant Series was widely used. The AR Abrasion Resistant Series was used in many of the commercial floors to maintain their beautiful appearance for a longer period of time.

5th floor toilet washbasin counter Front panel : ME-1781AR

Toilet on the 5th floor restaurant floor. The space has been created with tiles and other materials to create a relaxing atmosphere in a high-end restaurant. The color and texture of ME-1781AR blend well with the nuanced neutral color space.

B1F Toilet washbasin counter Front panel : ME-2284AR

Restroom located in the side street zone on the B1 floor. The chic metal ME-2284AR is coordinated with the wall graphics that capture the fun atmosphere of a side street, creating a sense of cleanliness.



Wall behind urinals on B1F: ME-2284AR (lower half of wall), PS-1187 (upper half of wall)

“The restrooms will be especially important for scratch-resistant materials. The color and pattern are determined within that context. 3M™ DI-NOC™ Architectural Finishes AR Abrasion Resistant Series combines both.”



Kaori Kohata, Nikken Sekkei Ltd.



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The transparency of glass provides a large space filled with a sense of openness.

Location of use | glass balustrade of the lobby staircase, etc.

Interior design of the theater

Sky Theater MBS” is located on the 6th floor of JP Tower Osaka and seats approximately 1,300 people. To ensure that the dynamic spatial presentation is not obstructed and that the view from below the steps is not blocked, 3M™ FASARA™ Glass Finishes was used for the staircase handrails. In addition, 3M™ Sun Control Film was used for the large glass wall overlooking JR Osaka Station, helping to create a comfortable space by reducing the rise in temperature near the windows.

“We chose a glass finish design that maintains a good affinity with the white interior and provides a good degree of transparency to block the line of sight.” Futoshi Ishii, Nikken Sekkei Ltd.



Lobby Staircase Glass Handrail: SH2FGMI-PR

The lobby staircase, together with the exterior glass, creates an impressive sense of transparency in the space. By using 3M™ FASARA™ Glass Finishes Mist PR (SH2FGMI-PR), the staircase was designed to maximize the transparency of the space while blocking the line of sight from downstairs.

3M™ FASARA™ Glass Finishes Mist PR (SH2FGMI-PR) was used for the glass balustrade on the upper floor leading from the stairway. The white interior naturally connects with the transparency of the glass.

Mist PR (SH2FGMI-PR) features a beautiful gradation that looks like frosted glass. The fine, translucent irregularities on the film surface create light diffusion and softly blur the space behind the film.





“The beauty of 3M™ DI-NOC™ Architectural Finishes is that if you clean up the joints, you can get a uniform, clean finish on a wall, even with fixtures and different substrates. I really like that.”

Futoshi Ishii, Nikken Sekkei Ltd.

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CASE STUDY SUMMARY

Challenge :

The interior materials needed to have durability and a variety of colors and patterns appropriate for the building complex.

Benefits :

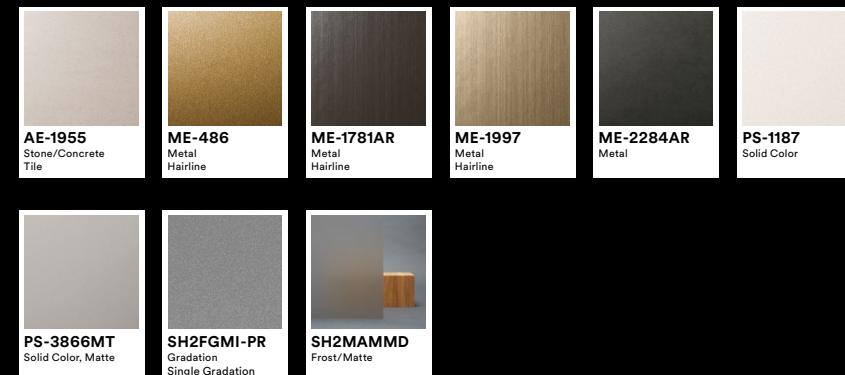
3M™ DI-NOC™ Architectural Finishes wide range of designs and textures, including metal, wood grain, and abstract patterns, matched the concept of each space. 3M™ DI-NOC™ Architectural Finishes AR Abrasion Resistant Series , which is scratch-resistant and easy to maintain in a facility used by many people, was also a deciding factor.

Product Selection :

3M™ DI-NOC™ Architectural Finishes

3M™ FASARA™ Glass Finishes

3M™ Sun Control Film



IMPORTANT NOTICE. The results and outcomes of case studies or testimonials should not be interpreted as a guarantee or warranty of similar results. You are responsible for evaluating the product and determining whether it is suitable for your application. Please refer to 3M published specifications for product and warranty information.

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