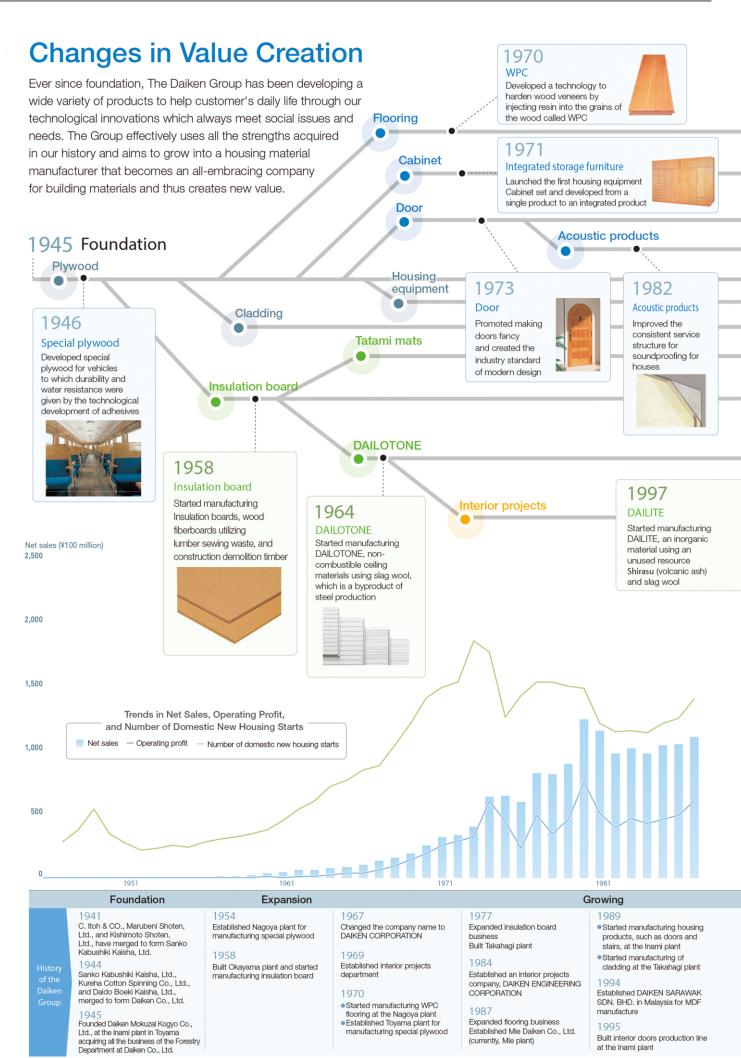
DAIKEN

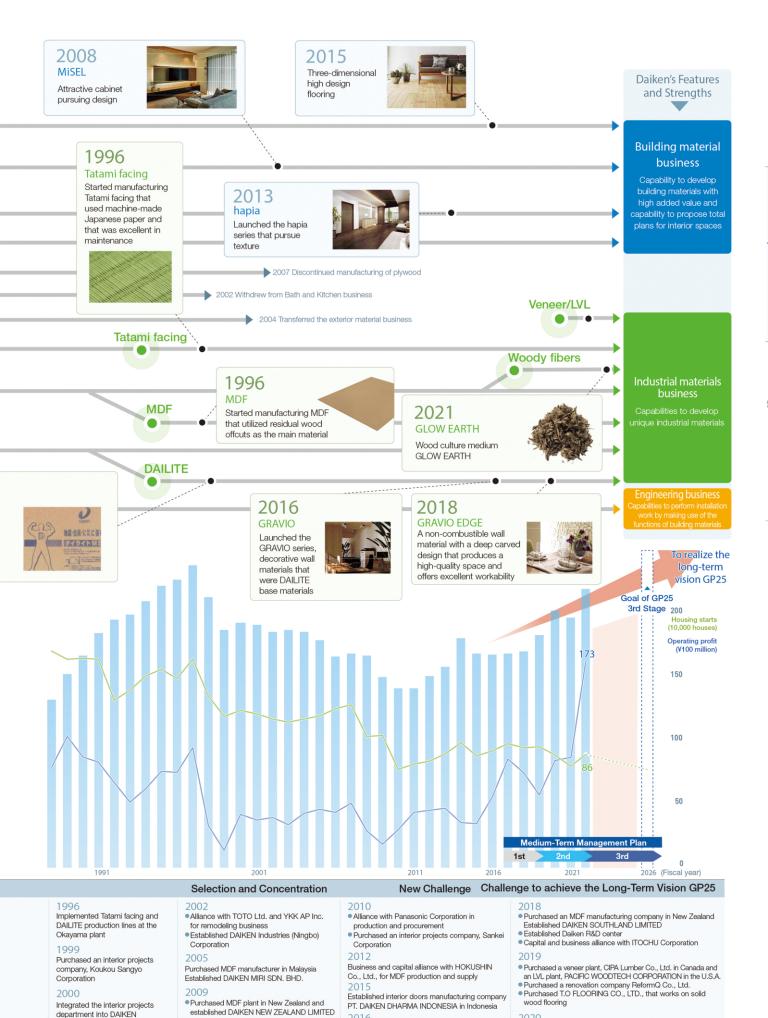
PT. DAIKEN DHARMA INDONESIA

JAPANESE TECHNOLOGY EUROPEAN DESIGN

8th Edition







Purchased an apartment renovation company,

PAC SYSTEM Co., Ltd.

department into DAIKEN

ENGINEERING CORPORATION

Integrated flooring business of the Nagoya

plant in the Mie plant

Started production at Nichinan Daiken Co., Ltd., a company

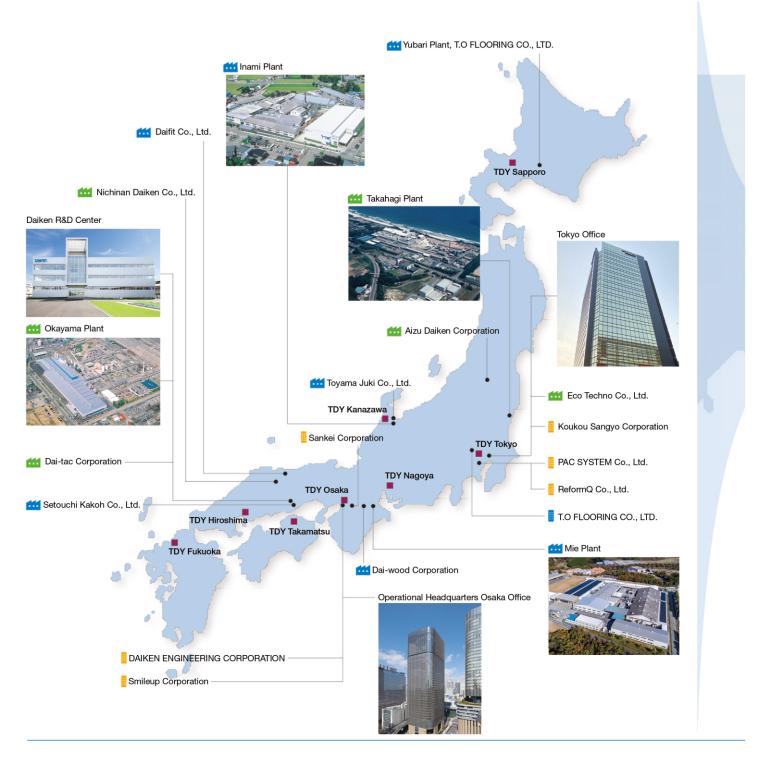
that processes veneers for LVL



Company Information (As of July 01, 2022)

Company Name	DAIKEN CORPORATION	Registered Head Office	1-1, Inami, Nanto City, Toyama, Japan
Founding	September 26, 1945	Operational Headquarters Osaka office	3-2-4 Nakanoshima, Kita-ku, Osaka, Japan
Capital Stock	15.3 billion yen	Osaka Office	
•		Tokyo Office	3-12-8 Sotokanda, Chiyoda-ku, Tokyo, Japan
Stock exchange listings	The Prime Market of the Tokyo Stock Exchange	Major Sales Offices	Sapporo, Sendai, Tokyo, Saitama, Niigata, Nagoya, Kanazawa, Osaka, Hiroshima,
Security code	7905		Takamatsu, Fukuoka, and Singapore
Setting day	March 31	Production Plants	Inami Plant (Nanto City, Toyama Prefecture) Okayama Plant (Okayama City)
General Meeting of Shareholders	June		Takahagi Plant (Takahagi City, Ibaraki Prefecture) Mie Plant (Tsu City)

Japan





Subsidiaries part of the Group improved industrial materials business Building materials business Engineering business

■ TDY Collaboration Showroom

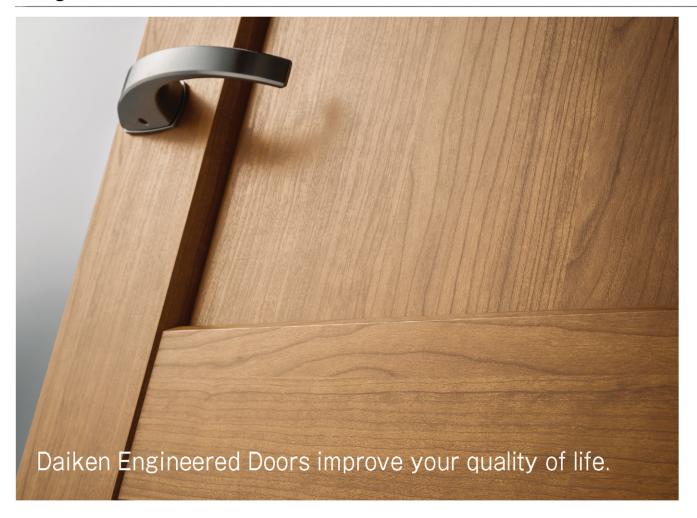
You can see products from three TDY companies in the same place: Daiken's floorings, interior building materials such as doors, TOTO's kitchens and bathrooms, and YKK AP's windows and exteriors.

Overseas



DAIKEN GROUP REPORT 2022

Engineered Doors







Gentle touch lever handle allows you to open and close the door even when holding laundry or shopping bags in your arms.

Even when your hands are full with shopping bags or laundry, gently touching this handle opens and closes the door for you. This is an easy-to-use lever handle suitable for the elderly and those with weak physical strength.



Easy-to-clean Surface Material



Improved stain resistance by use of a wipeable surface sheet* enables easy removal of marker stains.

DAIKEN's doors feature easy removal of stains such as marker scribbles by children and oil stains, saving the workload of cleaning.

Adopted as the surface sheet for the door, frame, and parting edges of the HP/HB series.



Oil Stain

- * The performance values and the certification labels are based on the Japanese test method and standards.
- * DAIKEN CORPORATION does not guarantee that the products listed here conform to the laws and regulations of the country or region where they are being used.



Hanging Door System



Top rail hanging doors fulfill the need for a flat, large room.

Hanging doors make your daily cleaning work easy because of no floor rails subject to dust accumulation. Moreover, their stepless floor surface is friendly to everyone because of ease of passage for wheelchair users and a low risk of toddlers and the elderly stumbling.

*3-leaf double, 2-leaf single, and 3-leaf single sliding door systems require directly installed floor rails.



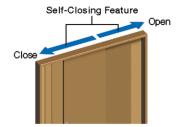
Soft closing function for Sliding/Hanging Door System



Soft closing mechanism allows door to move slowly when closing the sliding doors suppresses the risk of door rebounding,

slamming sound, and finger pinching.

DAIKEN's sliding/hanging doors have the Easy Close feature, which works to slow down the door just before it completely closes to suppress the risk of door rebounding, slamming sound, and finger pinching, even if you slammed the door shut carelessly.







Self-Closing Feature
When the door enters the working range of
the Self-Closing feature, it is pulled in
slowly, held firmly, and then closed.

2-leaf Interlocking Sliding Door System



Wider door access with slight door movement in the room.

Our 2-leaf interlocking sliding doors provide a wider passage way even in narrow room arrangement because the first leaf moves in conjunction with the second leaf. They are ideal for both wheelchair users and carers because of ease of travel between rooms.



Pet Door System



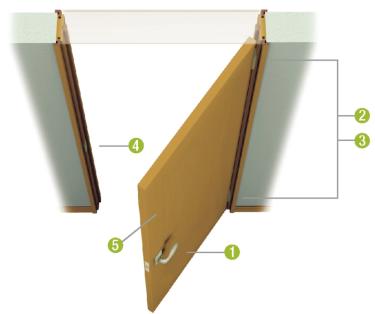
Pet doors have a special gate for pets, allowing cats and dogs to enter and exit the house as they please.

Pet owners can be more kind to their pets and feel more relaxed - knowing their animals can safely come and go as they please.



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- * DAIKEN CORPORATION does not guarantee that the products listed here conform to the laws and regulations of the country or region where they are being used.

Swing Door Features



ART AND STYLISH SERIES

Its solid wooden feel naturally attracts you, while creating a refined space that wows everyone with its look and touch. With Japanese manufacture technology, we provide you excellent product and durable.

- Lever Handle
- Frame
- Adjustable Hinge
- **Quiet Latch**
- Smooth Finish

Lever Handle



Short-stroke Lever Handle

Opening or closing the door requires only rotating the handle approximately 10 degrees, compared to 30 degrees with the conventional lever handle.

This is convinient because you can open and close the doors easily even when your hand are full and recommended also for the elderly and those with weak physical strength.

Lock Types

As standard, our single swing doors have a passage lock, while bathroom doors have an indicator lock. the standard lock can be optionally changed to a passage lock, privacy lock, indicator lock, or simple cylinder lock.



Passage Lock Attached as standard to single swing doors/double doors with different size leafs

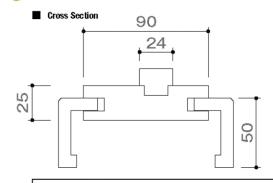


Privacy Lock Recommended for bedrooms and private rooms



Indicator Lock Attached as standard to bathroom doors

Prame



- : Hardwood Finger Joint with laminate wrapping.
- · Architrave: Plywood Base with composite laminate process.

Adjustable Hinge



<SILVER> Standard





Photo(1)



Photo^②

Our doors include easy-to-hang door hinges for quick installation. Align the barrel of the lower hinge plate on the door with the pivot shaft of the lower hinge plate on the frame and lower the door (Photo 1). While pulling down the pivot shaft of the upper hinge plate on the door, align its barrel with the barrel of the upper hinge plate on the frame and release the pivot shaft. Lower the special cover on the upper hinge plate on the foor to complete hanging the door (Photo 2).

■ Up and Down Adjustment

Rotate the top of the lower hinge barrel on the door with a phillips head screwdriver to adjust the vertical clearance between the door and the frame within a range of 6mm



Quiet Latch

All types of doors include a quiet latch as standard to reduce the sound of opening and closing door.





■ Left and Right Adjustment

Rotate the screws in the center of each hinge plate on the frame with a Phillips head screw driver to adjust the horizontal clearance between the door and the frame within a range of 5mm



Smooth Finish

All doors have smooth rounded corners to ensure safety.





Front and Back Adjustment

Adjust the clearance between the door and the door stopper within a range of 3mm.



🕀 Swing Door Damper (Option)

Swing door damper pulls in the door slowly to surpress the slamming sound when closing the door.







Our roots are bound with nature

Daiken adopt elements from nature and develop environmentally friendly products by using material from sustainable resources.

Humans are instinctively attached to nature, because nature provides calm and security for humans. That's why Daiken adopts natural elements to design and produce safe products. Nature also a best healer.

Daiken Premiere

Specifications (Door)

Base material ▷ MDF with Grooving or V-Cut
Surface ▷ Daiken Sheet

Surface Daiken Sheet
Structure DHollow or Fu

> Hollow or Full Engineering Core

Max Dimension D T 45 mm W 1150 mm H 2900 mm Fire Retardant > 30 - 60 minutes
Terms and Conditions Applied





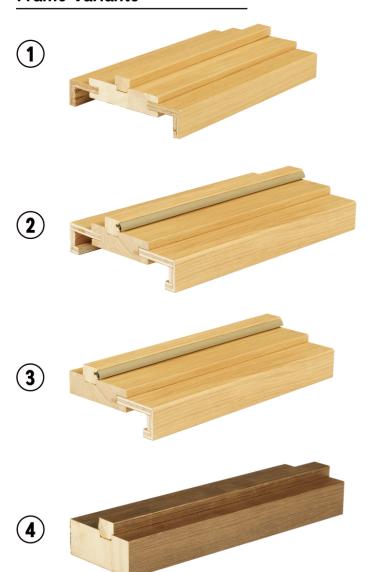


Specifications (Frame and Parting Edges)

Base material > Preservative-treated laminated wood (Hardwood Finger Joint)

Surface > Composite Sheet Lamination

Frame Variants





Additional Variants (Louver)

Core Variants











Daiken Luxure

Surface Dolefin Max Dimension T55 mm W 1150 mm H 2900 mm

Structure Structur













What is Olefin Sheet/Film?

Olefin sheet/film is PVC-free product, which is environmentally friendly and Health conscious.

In the mid-1990s, polyvinyl chloride (PVC) film printed with wood-grain patterns was widely used as decorative sheets in Japan. However, as plasticizers used in the manufacture of this sheet, as well as hydrogen chloride gas, dioxin, and other substances generated during burning of the sheet, were found to have damaging effects on the global environment and on people's health, the development of PVC-free products has become an important issue.

Olefin (official term: Polyolefin) is a kind of plastic that turns into mainly water and carbon dioxide when burned completely, with no hydrogen chloride or dioxin released.

Olefin Film Application



Door Film/Furniture

It can be used as surface of interior door, storage, and furniture. With its excellent surface performance and design, our film achieved excellent reputation over the world.

Floor Film

One of good solution to the shortcomings of natural wood floors. It has Resistant to scratches, stains and sunlight.



Exterior Film

Durability to sunshine derives from Electron Beam technology. More than 10 years of supply history and exposure.









Antibacterial and Antiviral products

With the spread of the new coronavirus (COVID-19), the need for products to reduce the risk of contact and droplet infection is increasing.



function Safe Material



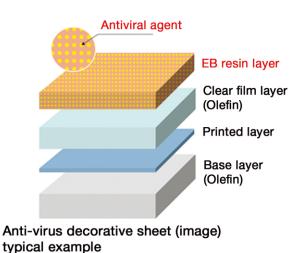
Antiviral products help reduce the risk of infection in order to provide a sanitary, safe, and secure space.

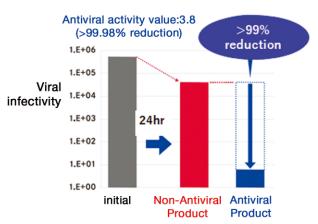


^{*} Antibacterial and antiviral functions are optional features and are not add to all products.

About the antivirus function

- Reduces the number of specific viruses on the product.
- Antiviral treatment is not intended to treat or prevent diseases.
- Complies with ISO 21702 "Measurement of antiviral activity on plastics and non-porous surfaces"
- Antiviral activity value: 2.0 or higher (99% or more reduction in viral infectivity)
- Certified by SIAA for antiviral performance
- Complies with SIAA safety standards.





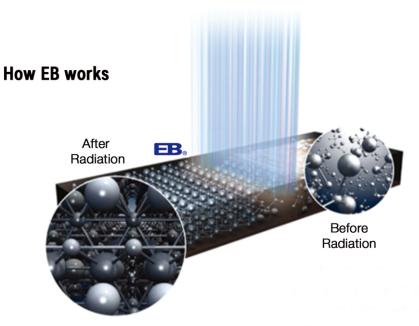
Sheet antiviral performance (after 24 hours)

^{*} Antibacterial and antiviral functions are optional features and are not add to all products.



Core Technology "EB (Electron Beam)"

EB (Electron Beam) is curing technology which provides Olefin with easy maintenance and long-lasting performance, such as scratch, abrasion, and dirt-resistance.



Radiate to liquid and polymerize. Can create high quality surface(Solid). *EB coating technology is one of DNP's core technologies.

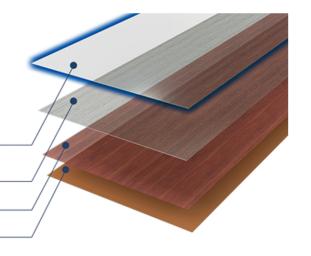
Composition

EB Coating layer to protect from scratch, stain and sunlight.

Emboss Olefin layer to express detailed texture of material

Design Layer developed by our designer

Solid Colour Base olefin film

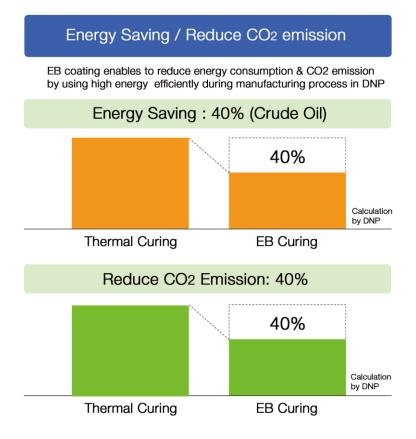






Feature of EB Curing Technology - Environmental Aspect-

EB technology contributes consistent environment & our health consideration from manufacturing, usage & disposal.



Countermeasure for Sick House Syndrome

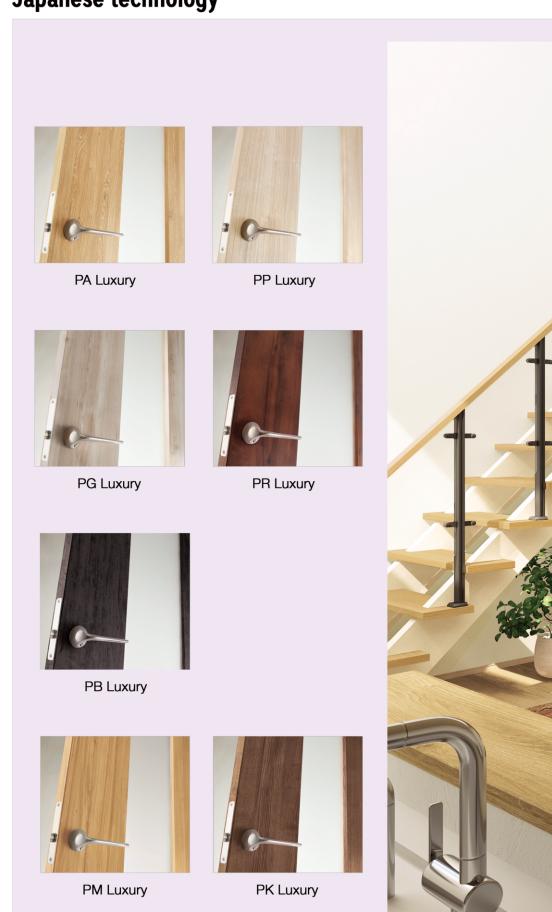
- No use any VOC chemicals which might affect to sick house syndrome
- Compatible with "Standard of emission rate of volatile organic compounds from building product" established by Committee for standardization of emission rate of VOC from building products in Japan

No use of 13 VOCs materials defined by Ministry of Health, Labor & Welfare in Japan

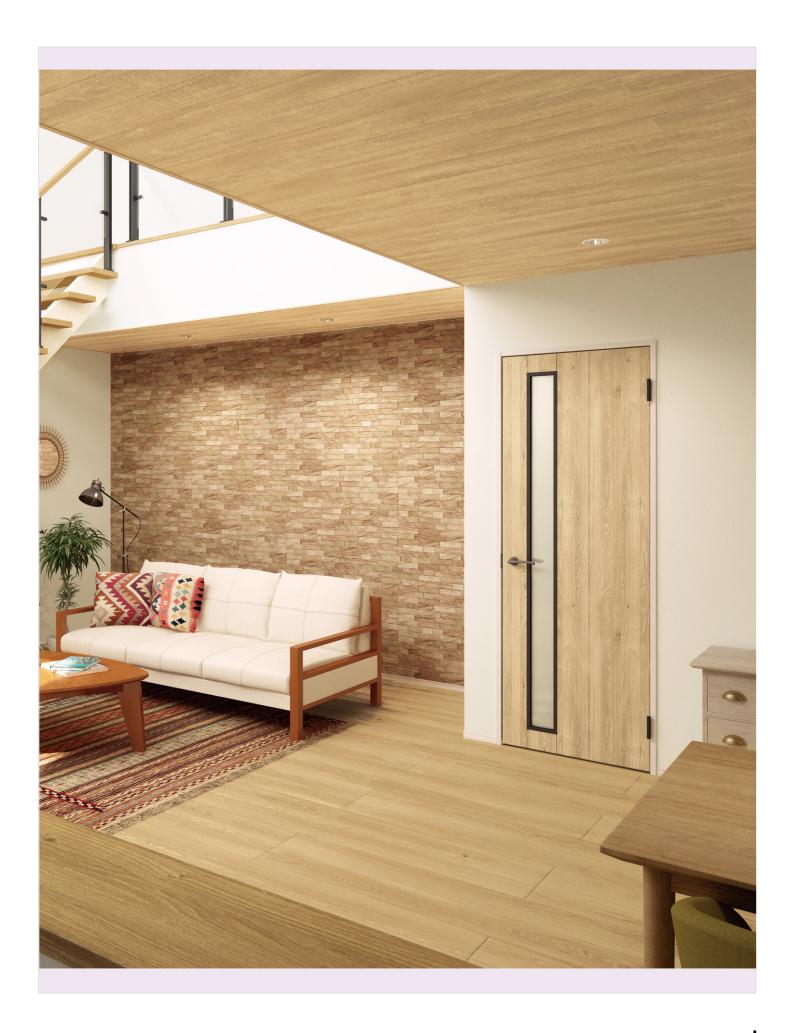
Formaldehyde	Chlorpyrifos	
Toluene	Tetradecane	
Xylene	Bis(2-ethylhexyl) phthalate	
Paradichlorobenzene	Diazinon	
Ethylbenzene	Acetaldehyde	
Styrene	2-(1-Methylpropyl)phenyl N-methylcarbamate	
Dibutyl phthalate		



Luxury Trend wood style Japanese technology







Engineered Doors

Specifications (Door)

Base material DMDF with Grooving or V-Cut
Surface Composite Sheet Lamination
Structure Hollow or Full Engineering Core
(Slab or Stile/Rail Construction)

Specifications (Frame and Parting Edges)

Base material ▷ Hardwood Finger Joint
Surface ▷ Composite Sheet Lamination









Specifications (Door)

Base material $\,\triangleright\,$ MDF with Grooving or V-Cut

Surface Structure

Composite Sheet Lamination
 Hollow or Full Engineering Core (Slab or Stile/Rail Construction)

Specifications (Frame and Parting Edges)

Base material ▷ Hardwood Finger Joint Surface \triangleright Composite Sheet Lamination































MG04A

DG04A

TG10A

TG09A





Fire Door version is available on some models.



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