

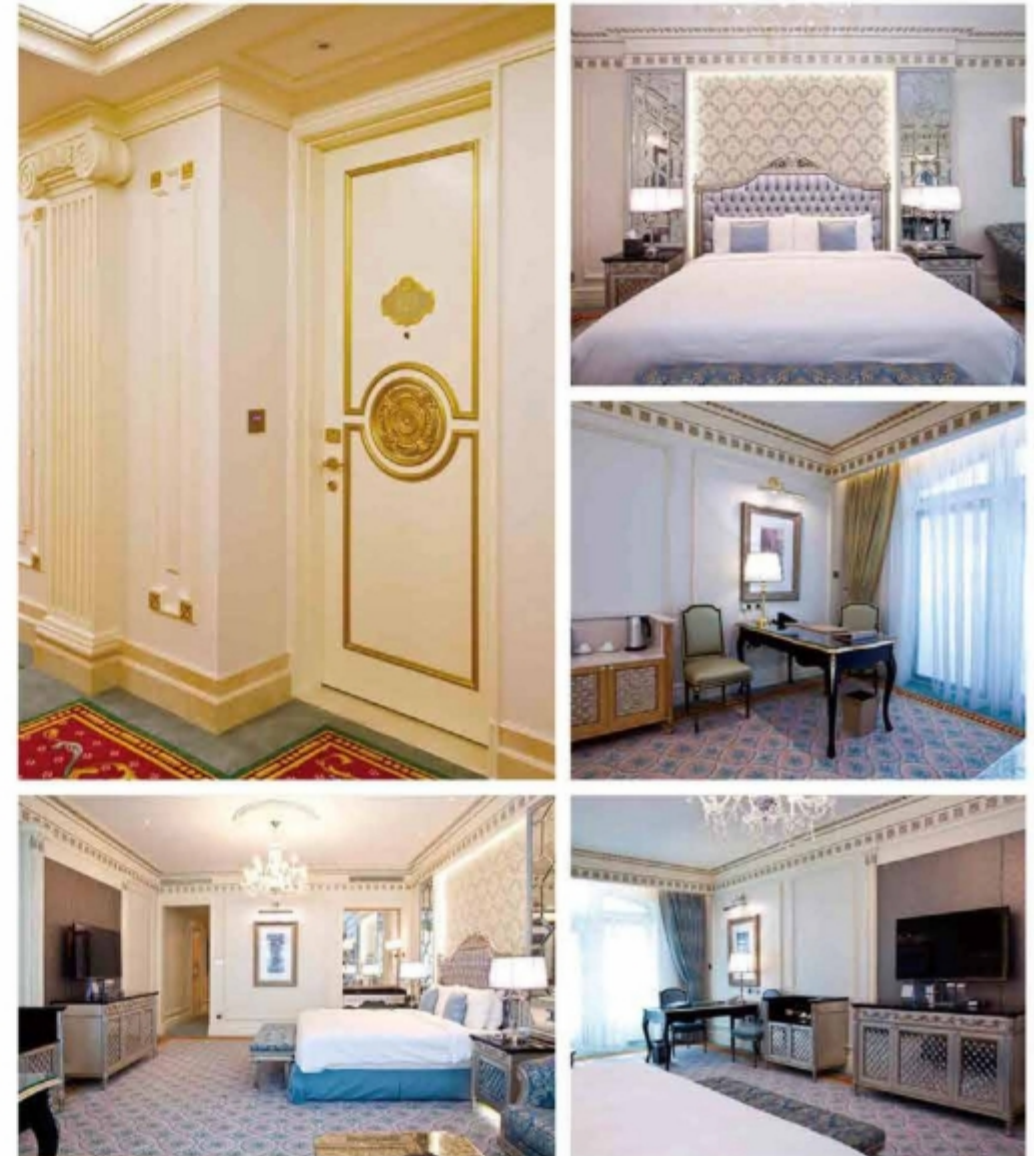
NUMERICAL CONTROLLED UV PAINTING LINES



NUMERICAL CONTROLLED PU PAINTING PLATFORM



LUXURIOUS HOTEL PROJECT IN DUBAI, UAE



PRODUCTION AND QUALITY CONTROL

RAW MATERIALS SELECTED FROM ALL OVER THE WORLD, TESTING MATERIALS STRICTLY

- 🔑 Top brand glue to guarantee the products in high quality
- 🔑 European beech wood, keeps the water content between 8-12%, durability and properties of high class wood timber are always Kent first concern.
- 🔑 All Kent wooden boards material comes from the biggest manufacturer in China
- 🔑 Best painting manufacturer cooperating with KENT

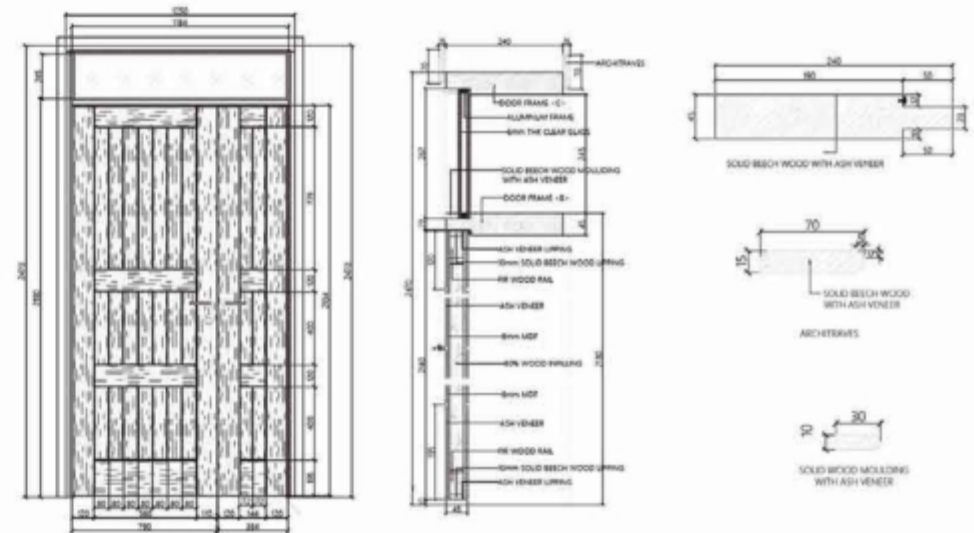
ADVANCED PRODUCTION LINES, ALL PRODUCTION PROCEDURE UNDER WELL CONTROLLED TO AVOID ANY MISTAKES OCCURRED DURING THE PRODUCTION

- 🔑 Numerical controlled wood carpentry work production line
- 🔑 UV automatically painting machinery equipments
- 🔑 Modernized machinery equipments and strict manufacture process combined



PRODUCTION INSPECTION BY QC

- 🔑 Process inspection: finished products inspection, reject any nonconforming materials or products.
- 🔑 Strict production in accordance with the drawing, raw material, specification and process.
- 🔑 Strict quality inspection of finished products.

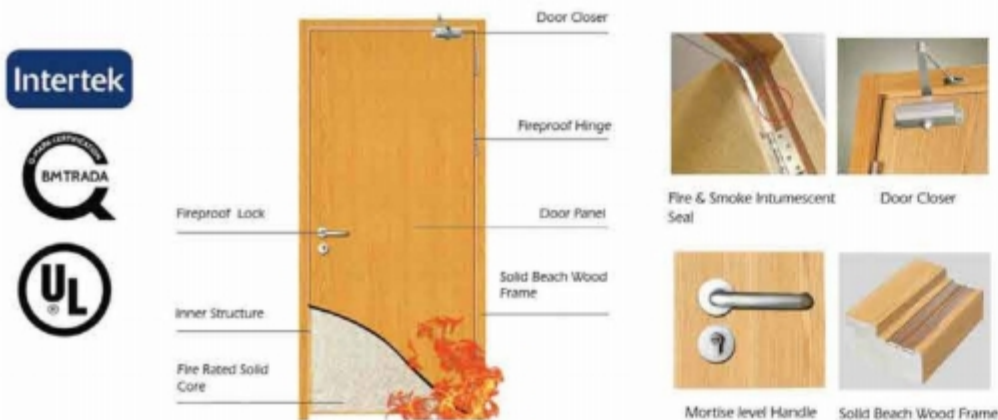


- 🔑 Inspecting the finished products with the devices to guarantee every pieces of product in good quality.



FIRE RATED WOODEN DOORS

Power of trade focuses on fire doors solutions and as the global leading fire doors provider, it has full range of fire doors certificates under British Standard:476, including FD30, FD60, FD90, FD120, by Intertek and BM Trada and has passed 20min, 45min and 60min fire tests under UL standard. We are able to provide you the most comprehensive supports in fire doors.



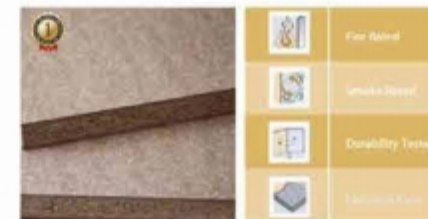
120 Minutes Fire Doors Test

FIRE RATING TIME	TEST STANDARDS
FD-30 Min	BS 476 Part 22
FD-60Min	BS 476 Part 22
FD-90 Min	BS 476 Part 22
FD-120 Min	BS 476 Part 22

LUXURIOUS HOTEL PROJECT IN DUBAI, UAE

Acoustic Value Rw: 32/34*db

EN1191 5000,000 Cycles



Material: Wood chips

Density: 630kg/m³

PB<0.18ppm

Certificate: ISO, FSC, CARB

Formaldehyde Emission: E0, E1, E2

Thickness: 44mm, 54mm, 64mm

Feature: Moisture-Proof & Fire Proof

Moisture Content: ≤ 8%

Water Absorption: ≤ 10%

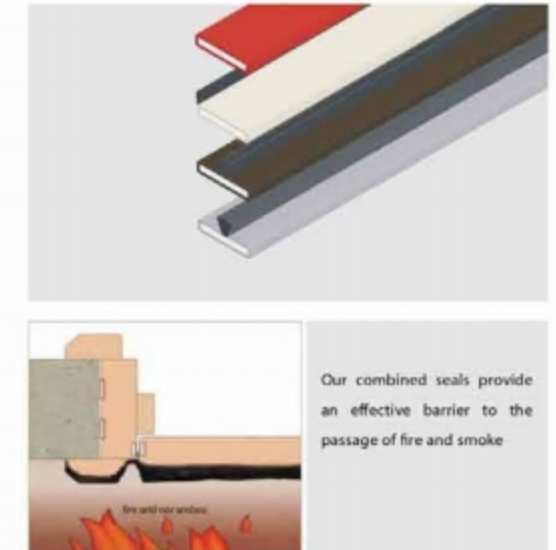
Modulus of Elasticity ≥ 2800Mpa

Static Bending Strength ≥ 25Mpa

Surface Bonding Strength ≥ 1.5Mpa

Internal Bonding Strength ≥ 0.8Mpa

Screw holding ability face ≥ 1500N



Intumescent seals fitted into the head and jambs of the door frame or alternatively into the top and sides of the door leaf itself. In the event of fire intumescent seals expand to 5-10 times their original size sealing the gaps around the door and providing an effective barrier to fire and hot smoke

Traditionally, a fire resistant door assembly was required to demonstrate its capacity for resisting the passage of flames and hot gases under the conditions of a strictly controlled test in accordance with British or European standards.



WATER AND HUMIDITY PROOFING

HOW TO ACHIEVE WATER AND HUMIDITY PROOFING? WHAT WE CAN DO IF THE SITE IS WET AND HUMID?

- Solution 1:** We use special water-proofing door board
- Solution 2:** We use special water proofing glue
- Solution 3:** WPC frame(Wood fiber plastic composited frame)
- Solution 4:** The backboard of the door frame is treated with UV water-proofing coating

WATER PROOFING TEST:

Steps: put the WPC door frame and the water proofing marine plywood into different glass containers and immerse in water respectively for 24 hours under 100°C, the surface is in good condition without any bubble or corrosion after taking out.

TOTAL TESTED: 3 CYCLES



WPC Frame

Water proofing marine plywood

TERMITE AND INSECT PREVENTION:

All wood material are fumigated before purchase in order to kill all insects and ants inside to ensure the quality of the material before production; besides, the back board will also be coated with termite prevention coating.

ACOUSTIC DOORS

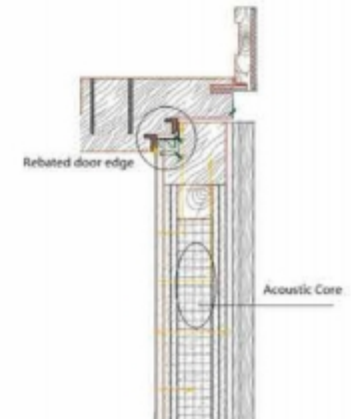
Depending on its location in a building, the door may need the fire rated, but also need to have a designated standard of acoustic performance. Wherever noise influences human activity, effective acoustic door is essential whether preserving the confidentiality of discussions in a private office, or reducing noise from room in hotels; preservation of privacy is paramount. Legislation is now in place giving guidelines for acoustic performance of door assemblies in a number of situations.



Acoustic door inner core

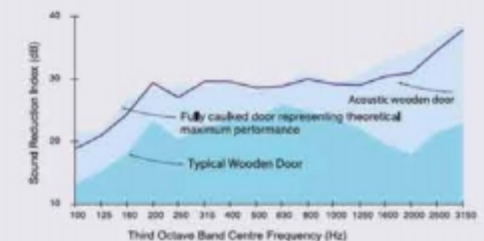
Rebated door edge

Acoustic Rubber Seal



Acoustic Performance

Acoustically tested in accordance with BS EN ISO 140-3:1995. Tests were undertaken on a typical wooden door assembly, in compare with the Acoustic wooden door. The maximum Db rating for the door in a completed caulked state is 33dB Rw, compared with an normal door rating 22Db Rw.



QUALITY PAINT

UV PRIMER & PU FINISH PAINTING

- ✦ Feature: moisture-proof
- ✦ Solid & tough surface: it is harder to scratch the surface compared with the traditional painting
- ✦ Clear wood grain, sparkling & glossy
- ✦ Compared with traditional painting, the color would not be easily fade out after decades or more years



ENVIRONMENTALLY FRIENDLY RAW MATERIALS

- ✦ Wooden boards: E1,E0
- ✦ Glue: imported high class brands
- ✦ Paint: environmental friendly painting
- ✦ FSC certified manufacturer



- ✦ The way of production: numeric controlled carpentry work line, UV painting line, central dust collection system
- ✦ PB<0.18ppm



HIGH TEMPERATURE, TEMPERATURE DIFFERENCE AND CRACK RESISTANCE

wooden doors can withstand high temperature and the edge of the door will not fall off or deform because:

- 💡 Water content of the raw material is strictly controlled
- 💡 Scientific door structure
- 💡 High precision processing equipments
- 💡 High temperature resistant glue
- 💡 Strict high/low temperature test



STRICT HIGH/LOW TEMPERATURE TEST

Test Protocol:				
Test Procedure:	80°C	Room Temperature	-20°C	Room Temperature
	1 hour	30 minutes	1 hour	30 minutes
Total Tested:	5 Cycles			

Photos:	Notes:		
	Overall picture		Hot-cold cycle testing

Test Report : Frame is completely good as it should be even after 5 times hot-cold cycle test



POWER OF TRADE CAN PROVIDE YOU BETTER INSTALLATION AND SUPPORTING SERVICES

- 💡 We can help you open holes on the door to install hardware
- 💡 We can help you open holes on the door pocket to install hinge and lock
- 💡 We can help you cut on architrave with a degree of 45° and installation connectors

BENEFITS TO YOUR PROJECTS

- 💡 Save installing time from 2 hours to 45 minutes.
- 💡 Avoid damages to the door.
- 💡 Reduce labor cost.





Wooden Flush Door Series

INHERITING NATURAL, BACK TO PLAIN LIVING
SIMPLIFYING COMPLICATED DESIGN, USING THE NATURAL WOOD GRAINS TO SHOW
DIFFERENT SURFACE CHANGE
WITH SIMPLE DESIGN AND PLAIN DECORATION LINE, BUILDING SPACIOUSNESS ROOM

Top Doors Manufacturer
Wooden Flush Doors



W4105





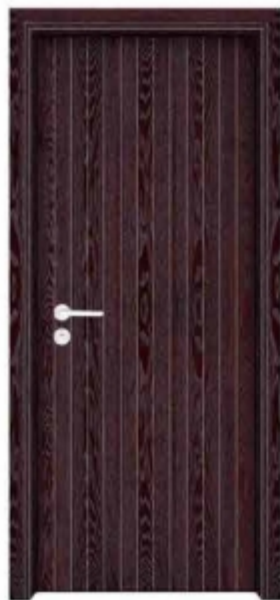
POWER OF TRADE

Top Doors Manufacturer
Wooden Flush Doors

Top Doors Manufacturer
Wooden Flush Doors



W4100



W4101



W9103



W9106



W9105



W4106



W5901



W9117



W9101



W4102



W9116



W4104



W4134-M



W4107



W4108



W9107



W9120



W9121



W4110



W4113



W9102



Wooden Panel Door Series

EUROPEAN STYLE REPRESENTS CLASSIC ROMANTICISM AND ART METRE
WHICH, BEARING THE ESSENCE OF ROCOCO STYLE
LUXURY, NOT COMPLICATED
VISUALLY OFFERING AN ELEGANT ENTIRETY



W9324





W4204



W4205



W4206



W4215-10



W4221



W9201



W4209



W4232



W4210-10



W9202



W9203



W9205



W9308



W5912



W9315



W4304



W9403-10



W4303



W4302



W9307

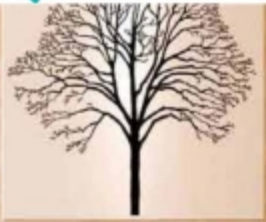


W9417



W5915





W9302



W9318



W9319



W9320



Wooden Glass Door Series

THE DESIGN AND SIZE CAN BE CUSTOMIZED TO MATCH YOUR ROOMS
ANTIQUE STYLE GLAZE SYSTEM ADD MORE BRIGHTNESS
SOLEMN, GENEROUS AND MANJESTIC



POWER OF TRADE

Top Doors Manufacturer
Wooden Glass Doors



W4402



W9401

Top Doors Manufacturer
Wooden Glass Doors



W9312



W9416



W4412



W4401



W6039



W4408



W9408



W9409

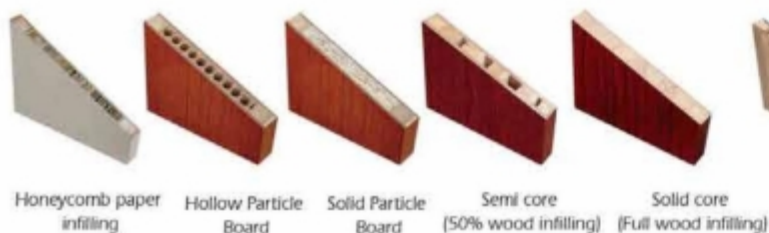


W9413



W9412

Flush Wooden Doors Infilling Options



Wooden Panel Doors Structures



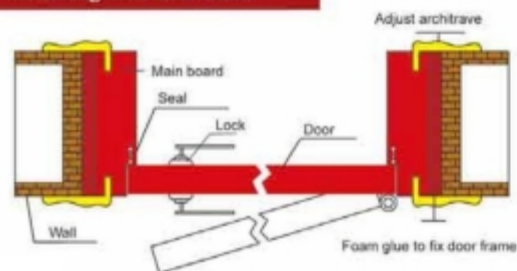
Wooden Frames Structures



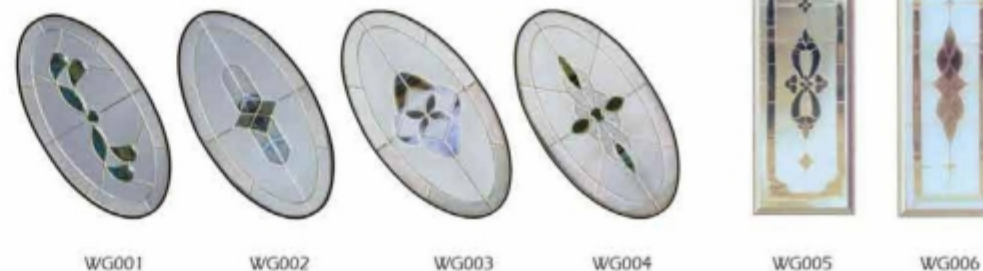
Wooden Architraves



Illustration of installing door and frame



Antique Glass



Wooden Colour

P.S: The exact colour should be according with the real samples.





POWER OF TRADE

Top Doors Manufacturer
PVC Wooden Doors

Top Doors Manufacturer
PVC Wooden Doors



P9037G



45° JOINT



LOCK&HANDLE



HINGE



LOCK COVER



P4042G



P9034



P9035G



P9036G



P7155G



P7157G



P7162G



P8002



P8029



P8038



P8058



P8067



P8082



P8090



P8118



P8120



P9025



P9028



P9030



P4005G



P8149



P8150



P8151



P9011



P6020



P6027



P6109



P6118



P9014



P9015



P9016



P9024



P6119



P6123



P6128



PD306



M4100G



M4101G



M4115G



M4117G



M4139G



M4143G



POWER OF TRADE

Top Doors Manufacturer
Melamine Wooden Doors

Top Doors Manufacturer
Melamine Wooden Doors



M4142G



M4327G



M4120G



M4140G



M5006



M5007



M5008



M5009



M5001G



M5002G



M5003G



M5004G



M5010



M5011



M5012



M4003



M4071G



M4056G



M4017G



M5005G



M4004



M4005



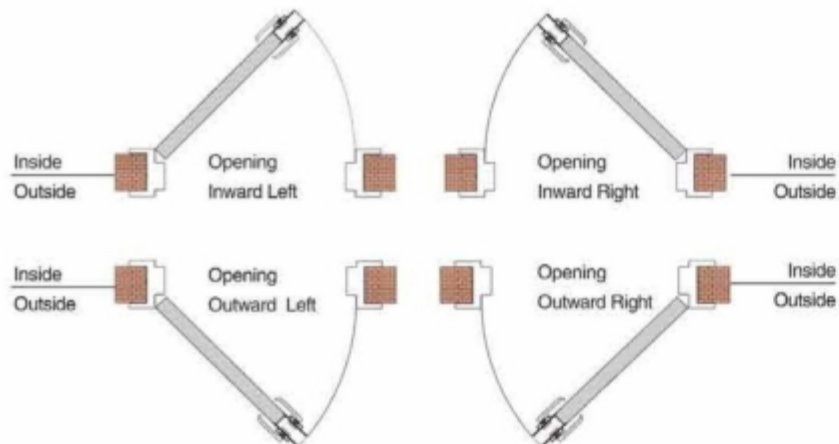
M4030



M4075



Opening Direction's Illustration



PVC and Melamine Doors Infilling Options



Density Board

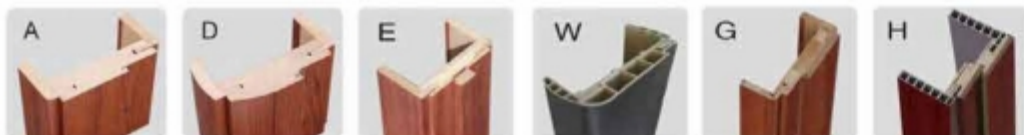
Chinese Fir Filling

Honeycomb Paper

Hollow Particle Board Infilling

Melamine Door Structure

Door Frames



Full MDF

Full MDF

MDF+Plywood

WPC Frame

Melamine Door Frame 1

Melamine Door Frame 2

PVC door architraves



PA-9002

2200x60x15mm/2400x60x15mm



PA-9004

2200x60x15mm/2400x60x15mm

PVC Colour

P.S: The exact colour should be accordingly with the real sample.



Pine Wood(H)

Black Wood(H)

Apple Red

Silver Oak

Teak Wood

Thai Teak



Pear Wood

Black Walnut

Cherry

Dark Oak

Iron Peach Wood

Sapele



Black Cassia Siamea

Maple Wood

Silver Sandal Wood

Oak

White Ash

Pure White

Melamine Colour

P.S: The exact colour should be accordingly with the real sample.



KM-01(HPT)

KM-02(BFT)

KM-03(Black)

KM-04(THT)

KM-05(JFSJ)

KM-06(HYM)



KM-07(THLS)

KM-08(YBLS)

KM-09(HLS)

KM-10(YHLS)

KM-11(XHYM)

KM-12(GBYM)



KM-13(HM)

KM-14(JDHM)

KM-15(JDLM)

KM-16(JDSM)

KM-17(FGB)

KM-18(HDSJ)

Wooden Claddings



C-01



C-02



C-03



C-04

Windows



Wardrobes



Wooden Skirtings





Interior Door Handles

Zinc Alloy



IH-015



IH-032



IH-071



IH-035



IH-036



SH-102
(Smart Cards)

Zinc Alloy



IH-103



IH-104



IH-044



IH-047



IH-063



IH-094

Stainless Steel



IH-105



IH-106



IH-107



IH-108



IH-046



IH-048

Brass Finish



IH-060



IH-096



IH-097



IH-101



IH-102

Mounting accessories
→ Spindle



→ Mounting accessories



Lock Body



LB-85



LB-72



LB-58



LB-50



A



B

Lock Cylinders

Hinges



IHG-01



IHG-02



IHG-06



IHG-07



IHG-09



IHG-10

Bolt



BT-01

Interior Door's Peepholes



IPH-01



IPH-02



ATC-01



ATC-03



ST-01



ST-02



ST-03



ST-04

Door Stoppers

Pull & Push Plates



PP-01

Annular Door Handles



AD-01

Panic Push Bar With Outer Device



PS-01

PS-02

Drop Down Seal

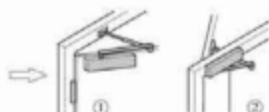


DD-01

Door Closer



Visible Door Closer
DC-01



Concealed Door Closer
DC-02