## HAI NAM AUTOMATION TECHNOLOGY JSC.

### VIETNAM

### Ho Chi Minh City

**Factory 1:** Lot I-10-6, R. No. 7, Hi-Tech Park, District 9, HCMC, Viet Nam Tel.: (+84) 28 7109 9904 Fax: (+84) 28 7109 9905

**Factory 2:** Lot No. C 32, R. No. 9, Hiep Phuoc IP., Ho Chi Minh City, Viet Nam Tel.: (+84) 28 3873 4066 Fax: (+84) 28 3873 4067

#### Ha Noi

Lot No. 45, Quang Minh IP., Me Linh, Ha Noi City, Vietnam Tel.: (+84) 24 38 133 011 Fax: (+84) 24 38 133 010

#### CAMBODIA

Street #30m (National Road #3), PreyKeyKor Village, PongToek Commune, DangKor Dist., Phnom Penh City, Kingdom of Cambodia Tel.: (+855) 23 982 161 Fax: (+855) 23 982 162

### MYANMAR

No. 18 Kyaik Khaut Pagoda Road, Thanlyin Township, Yangon, Myanmar Tel.: (+95) 562 3177 (+95) 925 324 7697 (Myanmar) (+84) 948 676 068 (Viet Nam)

hainam-panel@hainamswitchboards.com www.hainamswitchboards.com





Turn-over door



Flame-proof glass sliding door









Inox sliding door (using for hospitals, supermarkets, operating rooms...)

# FRE-PROOF DOOR FIRE-PROOF STEEL FIRE-PROOF WOODEN SOUND-PROOF WOODEN



## EHAINAM AUTOMATION TECHNOLOGY JSC.

We make the difference!

## **FIRE-PROOF STEEL DOOR** QUALITY-REINFORCEMENT-AESTHETICS

Which are used in buildings such as: hotels, villas, office buildings, or towers requiring high quality materials, fine design, and dedicated work.



The door is designed to prevent both noise and fire smoke, which makes door frame more solid and higher aesthetic.

Steel has longer lifespan. After a while regular operation of the door will make the Seal stickers flaking and falling off, but all the signs of the Hai Nam door is flanging to ensure strong connection of the fire-proof doors.

The edge of the door is the weakest point in case of fire.

Use the link to the location: hinges, handles, locks, mouth sounds by screws direct iron shot will make door be skewed or even be sprung after a period of use. The Hai Nam's doors are the details on the machining with the thickness of the holes I diamonds up to 10 mm will ensure products with the highest durability.

The door hinges are used advance technology to enhance the aesthetics and help the door not being askew though the use of perennial.



## Advantages of Pivot hinge:

- Aesthetics: popular in the developed countries.
- Durability: The principle like floor hinge (rotating on the floor)
- Doors don't stuck when they are used in a long time. (hinge may be rusted)

To raise the aesthetic, the door can be decorated more with materials such as stainless steel, mica, laminate... high safety, ruggedized, stave off fire and stave off smoke that the door is much better than many types of the doors in the market.

## **FIRE-PROOF WOODEN DOOR** LUXURY-MODERN-SHARP EDGES

Which are used in civil and public projects. Particularly they are used in projects of apartment buildings with a height of 5 stories and more. The function is anti fire



There are different types of fire-proof wooden doors in the market. Hai Nam's fire-proof wooden doors are highly quality with preponderant function.

- The door is staved off fire and smoke absolutely with multiple levels.
- The core is used by honeycomb heat proof and steel.
- The finished surface with MDF melamine, laminate, MDF veneer, HDF...
- Frame is used by painted steel shaped shock or powder coating.
- Aspects of the door are wrapped steel or stainless steel, sharp and ruggedized.
- Place of hinges and locksets are reinforced with steel sheets up to 10mm hole to ensure high durability.
- In case of fire risk, the fire-proof class is covered frame will be burst open to seal the gaps to stave off smoke
- With the kind of ordinary fire-proof wood door is made by industrial wood and fire partitions in the core, but if in the process of manufacturing the door is not properly soaked in chemical (to soak chemical will bloom industrial wood, not dipping enough chemical resistance to fire restrictions) or not handling good thin joints, when a fire occurs, the door is easily structural separation (due to industrial wood), edges of fire-proof door also typically the weakest point and combustible not guarantee time fire protection.
- Laminate or melamine material will limit scratch and environmentally friendly
- Steel wood door not only fire protection but also bring aesthetic beauty and luxury for all projects.
- Fire doors will help you minimize the risks to people and property in these circumstances if there is a fire occurred.

SOUND-PROOF WOODEN DOOR PRIVATE-ELEGANT-STYLISH Which are used in VIP rooms, Karaoke rooms, meeting rooms... In addition, we offer other types of doors such as: switch door, sliding door, shutter, or glass door...



- Sound-proof and fire-proof door is used for meeting rooms, conference rooms, karaoke, or cinema may require a maximum noise reduction.
- Core of door has been used sound-proofing materials such as honeycomb, foam and two cladding numbering steel. Finished surface has 2 different structures. Outside may be made of steel, wooden, MDF, laminate, plastic... Sound-proof surface may be made of sound-proof foam, wrap or punching steel. Subject to case and purpose, we will offer the kind of doors suitable to you.

## Steel door color



All products are warrantied from 1 to 2 years. They were certified license by Vietnam authorities