



ALLIANCZ INTERNATIONAL PTE LTD

# PRODUCT CATALOGUE



Alliancz International Pte Ltd



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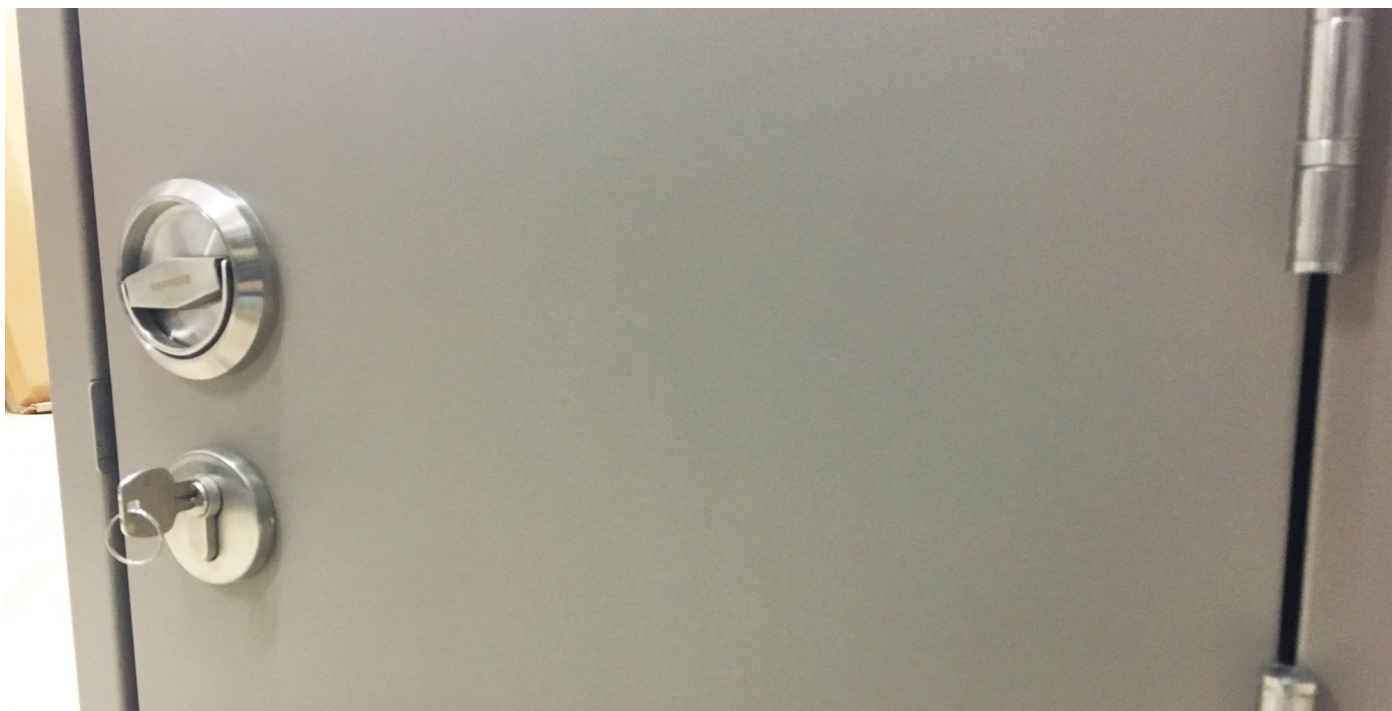
# ADORZ METAL

# ADORZ METAL

Alliancz International is dedicated to the design and manufacture of high quality steel doors with an emphasis on safety and reliability. Whether that safety be the locking function, radiation protection or the fire rating, ADORZ is your trusted brand in longevity and reliability. With STC options also available, as well as an extensive international and local project portfolio, ADORZ can provide you with a peace of mind solution for all of your metal door needs.

Alliancz International provides you with more than a range of metal doors, but a range of doors that come with complete ironmongery and security solutions, a One-Stop Shop. Usually separate people and companies handle doors and the accompanying ironmongeries, which can lead to confusion and mistakes. Alliancz however strives to make this process as seamless as possible, providing a whole range of ironmongery perfectly suited to ADORZ with a wide range of security levels available. This is especially important when fire ratings and STC ratings are required as this increases the weight of the door. Furthermore, the ironmongery must also be fire rated to match level of the door. All our door testing's are completed with our compatible ironmongery, so you can be sure your entire door package is a secure and sustainable choice.





# ADORZ METAL PROJECT HIGHLIGHTS

An important thing to remember is that even with all these special fire ratings and sound proofing, doors still need to be secure and provide safety in many numbers of ways.

ADORZ metal has been installed throughout Singapore, including, but not limited to:



**Fire safety** is an issue of major importance in all aspects of construction. Doors are no exception, having a fire rated door at your emergency exits and making sure it provides enough time for everyone to exit can save lives. For this reason ADORZ takes fire safety very seriously, which is why our metal doors are tested up to 4 hours fire rated.



**STC (Sound Transmission Class) Ratings** refer to the sound proof rating of a door or panel. Theatres, schools, galleries and government buildings are just some of the places that have a requirement for doors to be STC rated (soundproofed). Our STC ratings for our metal doors have a range of classes all the way up to STC56.



We also specialize in **X-Ray or "Lead Lined" Doors**. These specialist metal door are ideally suited to sterile environments such as hospitals or labs where hygiene is very important. As the name suggests, the door is lined with lead sheeting, which varies in thickness, and effectively blocks radiation in all directions, a very important requirement in rooms with X-ray machines.



76 Shenton Way





**Singapore University of Technology and Design**



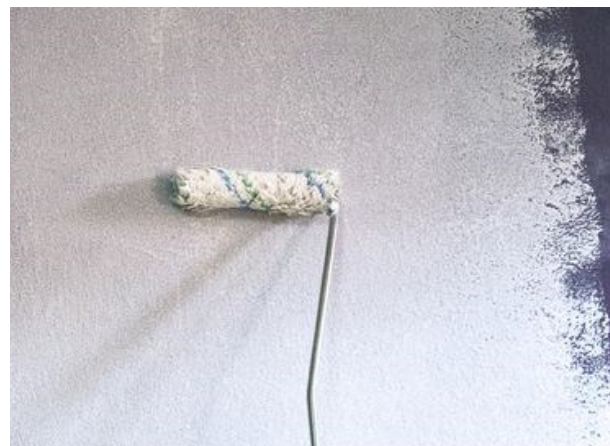
**One Balmoral Singapore**

Supply and install both timber and metal door



# *MATERIALS AND FINISHES*

Our metal doors are made using Electro Galvanised Steel. The electro galvanizing process consists of a layer of zinc bonded to steel with the aid of the electroplating, which strengthen the steel without making it too thick and heavy. There are then two finishing options to choose from:



**Paint (Primer):** Before painting, primer is used as an undercoat, which provides better adhesion of paint to the surface of the door, increases durability and provides further protection for the metal door. Colour of the paint used changes for each project and can be customized to suit the needs of any opening.



**Powder Coating:** Our powder coat provides a coat that is harder than paint and provides substantial protection, while also giving the surface of the door a flush finish.

# *ADORZ TIMBER*







# *ADORZ*

# *TIMBER*

Doors have a diverse range of usage and applications, from the simple needs of a bedroom door to the complex, safety focused requirements of an industrial door. This diverse range calls for great expertise not only in choosing the right door panel, but the right material, the right frame, the right installation method, and of course the right accompanying ironmongery.

Usually these crucial elements are all handled by different people and companies, causing confusion and leading to mistakes, but we at Alliancz International pride ourselves on our extensive knowledge of doors and ironmongery, as one neat, organized package. A One-Stop Shop.

Our ADORZ brand is built on this knowledge, and provides you with a solution that will go above and beyond your needs. ADORZ has an extensive range of timber doors, which can be fire proofed and STC rated (sound proofed). To continue our commitment to a greener future, we also have an Ecoboard range which prioritizes eco friendly materials, while providing a sturdy, resilient door panel. On top of this our doors are resistant to both termites and warping, while also having high thermal insulation.

Boasting a range of veneer and laminate finishes, ADORZ does not forget that the beauty of the door is one of the most important factors. Our range is highly customizable and puts your needs first.

Please contact us to see our wide range of finishing options.



# ADORZ TIMBER PROJECT HIGHLIGHTS

ADORZ timber has been installed throughout Singapore, including, but not limited to:



UIC Redevelopment (V on Shenton)



10 Jalan Tanjong





**Echelon Condominium at Alenxandra**



**German European School Singapore**



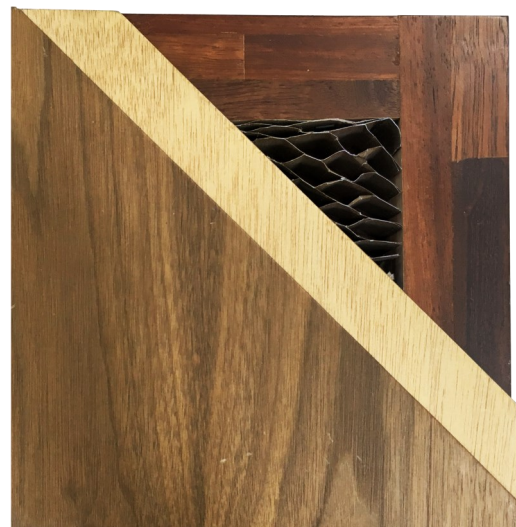
**QBAY Residence**



# MATERIALS AND FINISHES

Range of hollow & solid core doors with a huge variety of finishes and styles. With hundred of options available you're sure to find the perfect match for your door. Check out our range below, and please give us a call if you would like to see more!

## HOLLOW CORE/ SEMI-SOLID CORE

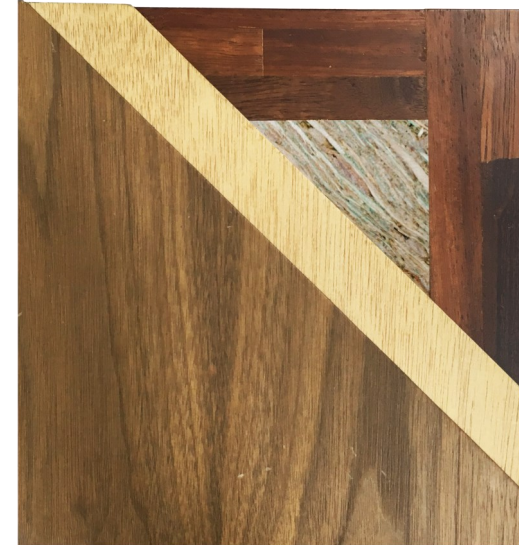


**Honeycomb**

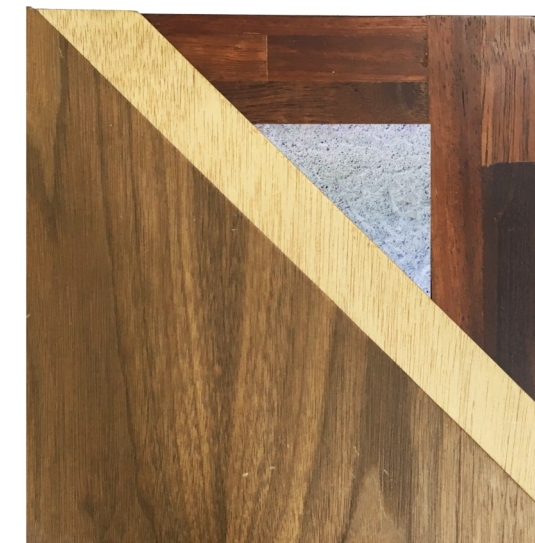
A great option for lighter wooden doors that do not require a high level of fire or sound proofing.

## SOLID CORE

**Eco board** - Our Green Label Certified core, resilient to termites and wear.



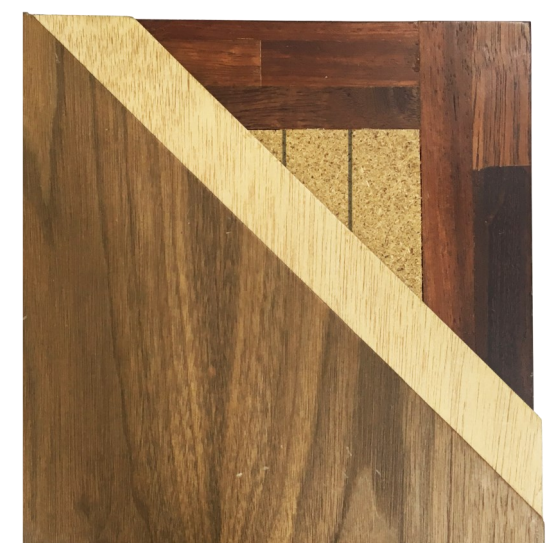
**Fenlite Core**— Our heavy duty core capable of up to 2 HRs fire rating and 56S.



**Particle Board** - A solid core with great STC and fire rated properties



**Pine Softwood**







# FIRE RATING

Fire Safety is the top priority in door safety, a fire escape route is only as effective as the fire rated door protecting it, which is why we go the extra mile to ensure all fire safety needs are met. We have rigorously tested all of our cores and door types to find the most effective solution for you and your safety requirements.



1 HR FIRE RATED DOUBLE LEAF TIMBER DOOR

KAMPONG ADMIRALTY



**NR (No Fire Rating)**

Honeycomb



**0.5HR Fire Rating**

Particle Board & Fenlite Core -  
Door thickness will be set at ap-  
proximately 45mm



**1HR Fire Rating**

Fenlite Core—Door thickness will  
be approximately 47mm



**2HR Fire Rating**

Fenlite Core—Door thickness will  
be approximately 60mm



**4HR Fire Rating**

\*Only available in our metal door  
range

Another important factor for all doors is that as fire ratings increase and the door thickness increases, the weight of the door also increases. This means that the ironmongery used in conjunction with the door panel has to be able to support the increasing weight of the door. This is why Alliancz International provides a complete set of both doors and ironmongery, to ensure that not only your door is safe, but the entire door system.

\*Please refer to our metal door catalogue for more information on 4HR fire ratings.





# ACOUSTIC RATING



STC 40 ONE & HALF LEAF TIMBER DOOR

KAMPONG ADMIRALTY

Acoustic Rating (or STC Rating) refers to a doors ability to block out sound from outside, through the use of effective solid cores and acoustic seals around the edges of the door panel to connect to the door frame. These doors are especially important for areas where absolute silence is important, such as auditoriums, school exam rooms, and government buildings. Allianz provides full STC solutions that utilize both door cores and seals, with a variety of ratings depending on project requirements.

For STC doors there are a variety of Fire rating/STC combinations depending on your needs, please refer to the table below, or get in contact with us for more information.

ACOUSTIC RATING	FIRE RATING	PANEL THK	CORE MATERIAL
STC33	FAD	64mm	Particle Board
STC35	FAD	64mm	Particle Board
STC39	1HR	64mm	Particle Board/Fenlite Core
STC40	1HR	64mm	Particle Board
STC45	1HR	93mm	Fenlite Core
STC53	1HR	103mm	Fenlite Core
STC56	1HR	160mm	Fenlite Core





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ALLIANCZ INTERNATIONAL PTE LTD

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## **CONTACT US**

**ALLIANCZ INTERNATIONAL PTE LTD**

**Address: 40 Ubi Crescent, #01-02, Ubi Techpark, Singapore 408567**

**Website: [www.allianczinternational.com](http://www.allianczinternational.com)**

**Email: [enquiry@allianczinternational.com](mailto:enquiry@allianczinternational.com)**

**Telephone: 6743 3313**



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