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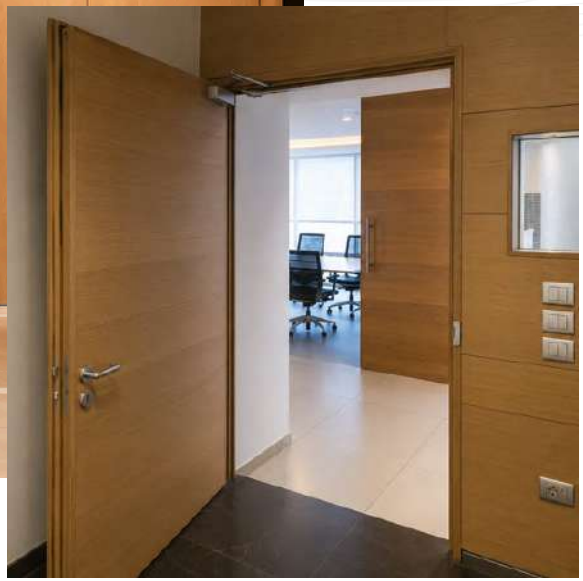
NISHABD
...name defines living experience





NISHABD
WOODEN ACOUSTIC DOORS

www.mechtrixnishabd.com

MAKE IN INDIA
Made for the World

NISHABD DOORS

Door and its accessories plays a vital role when considering the acoustical performance of the space, as most of the sound transmits through the same.

Nishabd Wooden Acoustic doors are high performing sound engineered doors that offers best sound retardant properties for the given space.

Nishabd Acoustical Doors can be custom built to match the performance of space such as studios, cinemas, airport, hotels, meeting rooms, auditorium, hospitals and spaces of concern without affecting the aesthetics.

With STC rating ranging from **30dB to 60dB**, Nishabd provides solutions to spaces that are in need of all projects with / without fire rating and standard / customised sizes.





CHARACTERSTICS OF NISHABD DOORS

- NAD are available for STC rating upto 60dB
- Engineering Nishabd Matrix core
- Perfect leak proof
- Fungus & termite resistant
- No Asbestos
- Seasoned raw material
- Low carbon emission
- Choice of finish
- Adjustable door frames



Why NISHABD ?

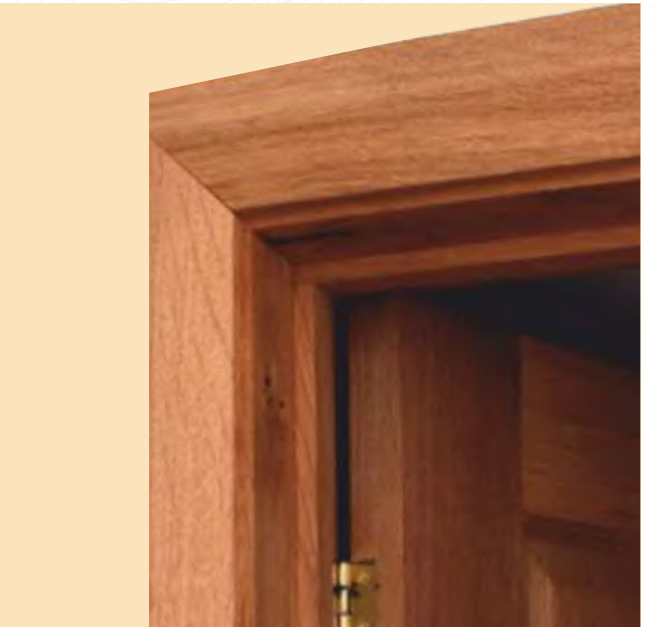
- Customized selection
- Customized finishes
- Neatly trimmed edges
- Exquisite finish that are clean and scarless
- Superior quality raw material
- State-of-the-art machinery for precision forming
- Good manufacturing practice
- Certified product

FEATURES

- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- In House Design Team
- Made-to-Order Acoustic Doors

MANUFACTURING

- Door Frames are manufactured using seasoned hard wood (moisture not more than 12%) of std size **125 x 80 mm** with Mortise joint & joint seals.
- Frames are treated for fungus & wrap resistance.
- Optional adjustable frame sizes are also available







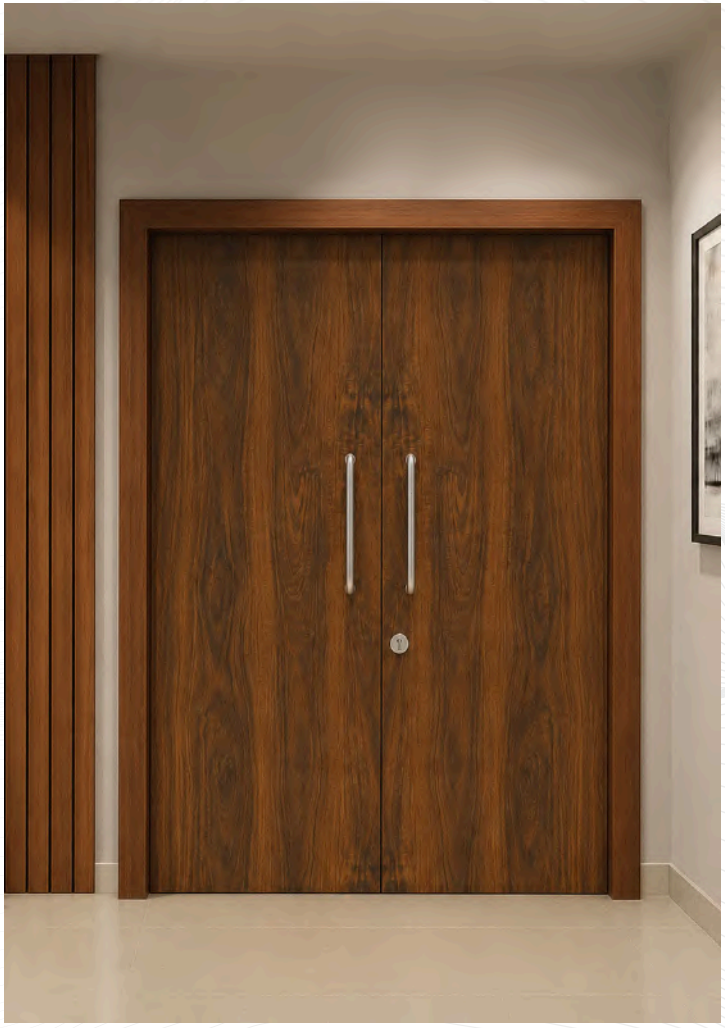
NISHABD MATRIX
ENGINEERED SHUTTER

- Shutters core are designed to achieve the required sound rating for the space to be fitted.
- Right seal grooves & seals provide perfect leak proof
- Hard wood lip finish
- Option for accessories like locks, perimeter seals, Handle, Door closures & Drop down seals can be factory finished based on requirement.

NISHABD

WOODEN ACOUSTIC DOOR

are Available in various combinations





FINISHES

- RAL finish
- Laminate
- UV Coated
- Veenered

DOOR FRAME OPTIONS

- Assemble / Fixed Frame
- Adjustable Frame

VARIANTS

- Single Leaf
- Double Leaf
- Triple with stand alone

With / Without Vision Panel

CLASSIFICATION

- Fire Rated
- Non Fire Rated
- Radiation Insulation

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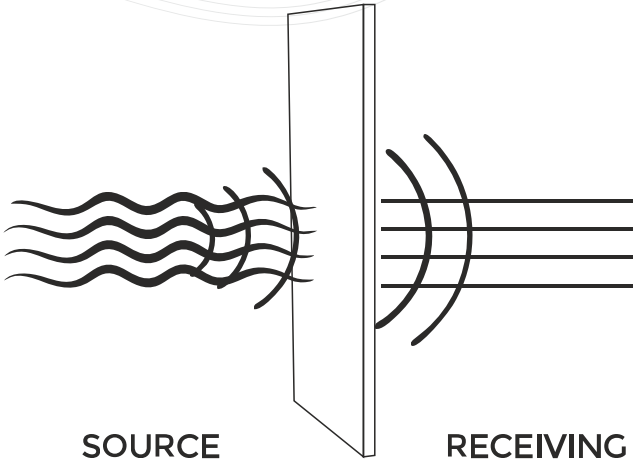
UNDERSTANDING STC



STC Rating	Level of Sound Heard (Loud Speech)
30	Easily Audible
35	Heard But Non-Understable
40	Murmuring Sound Heard
45	Barely Audible
48	Strained Hearing
50	Not Audible







APPLICATION

- **Class Rooms**
- **Office Spaces**

} Upto STC 45 based on application

- **Hospitals**
- **Information Rooms**
- **High Security Rooms**

} Upto STC 55 based on application

- **Hospitality**
- **Meeting Rooms**
- **Conference Rooms**
- **Prayer Halls**

} Upto STC 50 based on application

FAQ

Q. 1. What is STC rating of Doors?
A. STC: Sound Transmission Class is the rating derived from sound transmission loss as per ASTM Stansards. It indicates the effectiveness of doors.

Q. 2. What is STC rating from NISHABD?
A. NISHABD WOODEN ACOUSTICAL DOORS provides STC ratings from 30 dB to 55 dB. Buying a high STC rated doors may not be a solution for the given space, do consult the company for all technical classification.

Q 3. What included in NISHABD ACOUSTIC SYSTEM?
A. NISHABD ACOUSTICAL DOORS includes all accessories to make perfect leak proof system. Also provided with Std Handle & Lock System based on the application. However, for right solution do consult the company representative for all technical clarification.

Q 4. Why should I choose NISHABD ACOUSTICAL DOOR SYSTEM form other?
A. NISHABD WOODEN DOOR SYSTEMS are chosen for

- Wide range of STC ratings
- No Asbestos
- Adjustable Frames
- Certified Product
- Variety of Finishes
- Dedicated Supply
- Right Consultation for given Application

Made for the World

ACCESSORIES



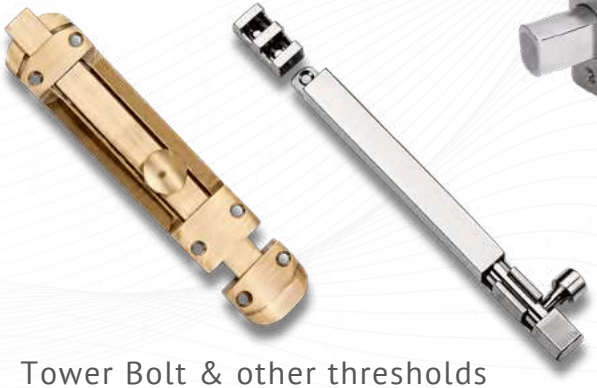
Perimeter Seals



Drop down Seals



Door Closure



Tower Bolt & other thresholds



Locks



Various Iron Mongery

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