



NCL
OPTIMUS
MASTER CRAFTED STEEL DOORS



10-3-162, 5th Floor NCL Pearl, SD Road, East Marredpally, Secunderabad, Telangana, India 500026
Phone : +91 40 68313333 | email : contactus@nclbuildtek.com

A large industrial building with a white and blue facade. The building features a large sign that reads "NCL OPTIMUS MASTER CRAFTED STEEL DOORS". The sky is blue with some clouds. The building has a modern, clean design with large windows and a prominent entrance area.

Mission

To provide superior steel door solutions that enhance the safety, functionality, and visual appeal of both residential and industrial spaces, backed by exceptional customer service and professional installation.

Vision

To be a leading name in the steel door industry, recognized for our commitment to quality, innovation, and customer satisfaction.

With a foundation built on years of industry expertise, NCL Optimus offers master-crafted steel doors that blend durability, security, and aesthetic appeal. Our state-of-the-art manufacturing facilities utilize advanced automation technology to ensure precision and consistency in every product we create.

State-of-the-Art Manufacturing

Automated Facilities

Our cutting-edge manufacturing plant utilizes the latest in automation technology, ensuring precision and consistency in every door we produce.

Quality Control

Every door undergoes rigorous testing for strength, durability, and finish quality, adhering to the highest industry standards.



Core Strengths



STRONGER

OPTIMUS is very strong and a lot more secure than a wooden door.



WIDE RANGE OF DOORS

OPTIMUS doors offer wide range of Residential & Commercial doors
The doors are a perfect combination of strength, elegance and functionality



MAINTENANCE FREE & EASY INSTALLATION

No more carpenter hassles. Once assembled it is ready to install in shortest time frame.



ENVIRONMENT FRIENDLY

No trees were trimmed to make these doors.
OPTIMUS is an environment friendly steel door.



TERMITE PROOF

A guaranteed fix for termite free homes. The steel eliminates all the possibilities.



WEATHER PROOF

OPTIMUS doors do not shrink or swell with changing weathers



FIRE RETARDANT

OPTIMUS stands tall in case of unfortunate fire giving ample evacuation time.



Residential Doors

Classic Plain Doors

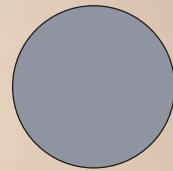
Wood Grain Finish Doors

Framed Glass Vision Doors

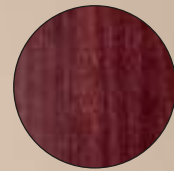
Embossed Wood Grain
Finish Doors



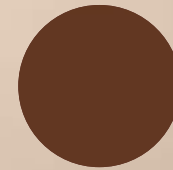
Classic Plain Doors



RAL 7045



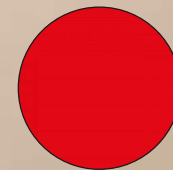
MAHOGANY



RAL 8011



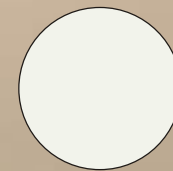
DARK WALNUT



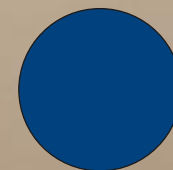
RAL 3020



GOLDEN OAK



RAL 9016



RAL 5010

- Simple Flush Doors, High on Aesthetics, Low on Maintenance
- Available in a range of RAL Shades to suit your decor

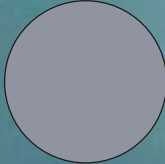
Material : Steel with Pure Polyester Powder Coating

Infill : Honeycom Core

Size : Wall Opening {Min. : 750mm x 2100mm

Max : 1450mm x 3100 Single Leaf & 2440mm x 3100mm Double Leaf}

Glazed Doors



RAL 7045



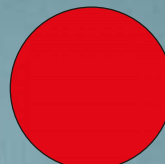
MAHOGANY



RAL 8011



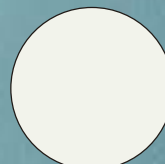
DARK WALNUT



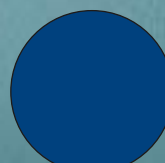
RAL 3020



GOLDEN OAK



RAL 9016



RAL 5010

- Doors with steel frame and glass of choicest design and transparency mounted centrally
 - Available in a range of Wood Grain and RAL Shades to suit your decor
- Material : Steel
Infill : Honeycom Core
Size : Wall Opening {Min. : 750mm x 2100mm • Max : 1200mm x 2400mm}

*Colours may vary on actual product. Above colors are indicative

Embossed Wood Grain Finish Doors



MAHOGANY



DARK WALNUT



GOLDEN OAK

These doors have natural wood finish with textured surface with embossed Designs

Available in natural wood colours

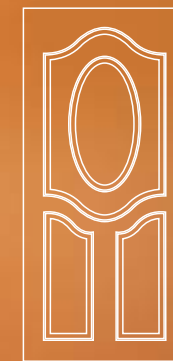
Material : Steel

Infill : Honeycom Core

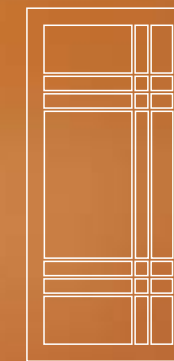
Size : Wall Opening {Min. : 900mm x 2100mm - Max : 1200mm x 2400mm}



E101



E102



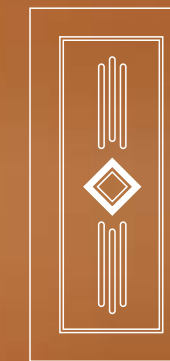
E103



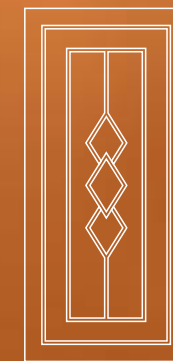
E104



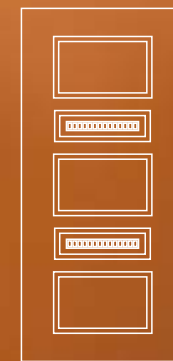
E105



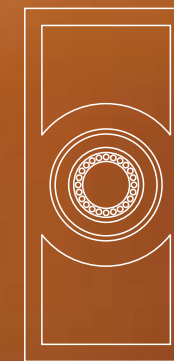
E106



E107



E108



E109



*Colours may vary on actual product. Above colors are indicative

Technical Specifications

Residential Doors

Our home steel doors combine beauty with security, offering a range of designs to suit any style.

Key Features

- Aesthetic Appeal: Choose from modern, classic, and customizable designs.
- Security: Advanced multi-point locking systems.
- Durability: Made from galvanized steel, ensuring long-term performance.

Available Designs & Finishes

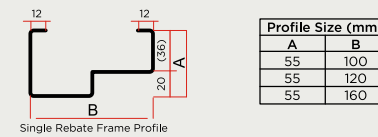
- Modern: Sleek lines, contemporary finishes.
- Classic: Ornate details, timeless appeal.
- Customizable: Tailor the design to your exact specifications.

Applications

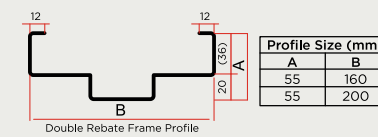
- Entrance Doors, Bathroom Doors, Interior room doors

FRAME TYPES & SIZES

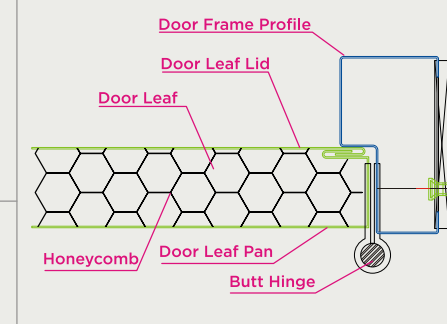
Single Rebate Frame Profile



Double Rebate Frame Profile



SHUTTER TYPE



INFILL OPTIONS

Honeycomb



Mineral Wool



Frames made as IS 4351

Material Thickness	1.2mm and 1.6mm (without seal)
Frame Profile Types	Single Rebate Double Rebate Single Rebate with Seal Double Rebate with Seal
Corner Jointing Type	Mitre Cut ('45) or Straight Cut (90')
Frame Assembly Types	Knock down screwing type and assembled at site Fully Welded Frame
Finish Coating	Plain finish with pure polyester powder coating Wood finish with sublimation film

Door Leafs made as per IS 116074

Material Thickness	0.8mm and 1.0mm
Panel Thickness	46mm
Panel Type	Fully Flush
Infill Types	Honeycomb Mineral Wool Steel Reinforced
Finish Coating	Plain Finish with Pure Polyester powder coated Wood finish with sublimation film
Hinge Type	SS Butt Hinge

Hardware Options

Hinges	4" SS Butt Hinges
Lock	Tubular Lock Mortise Lock Dead Lock
Handle	D Handle
Door Closer	Surface Mounted Concealed Door Closer CDC with Hold Open
Threshold	Four Sided Frame Low Profile Aluminium Ramped
Door Seal	EPDM/Wool pile type strip automatic drop down seal

Door Sizes

	L (mm)	H (mm)
Plain Doors		
Single Leaf	600	1850 min
	1200	3050 max
Double Leaf	1200	1850 min
	2400	3050 max
Embossed Doors		
Single Leaf	900	2150 min
	1200	3050 max
Double Leaf	1800	1850 min
	2400	3050 max





*Commercial
Et Industrial Doors*

Clean Room Doors

Fire Rated Doors

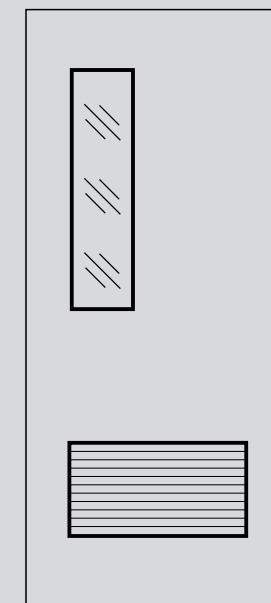
Acoustic Doors

Clean Room Doors

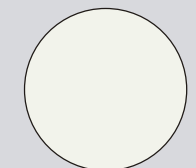
Cleanroom Door is manufactured from galvanized steel/stainless steel sheets with lock formed edges. Insulated and bonded with honeycomb paper, mineral wool or polyurethane foam forming a rigid flush fittings with innovative flush double glazed finished in pure polyester powder coating of 60-80 microns forming smooth surface finish. This door will be available in Plain, Round Light, Narrow Light with Louvers Pattern.



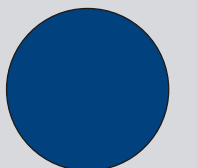
ROUND LIGHT



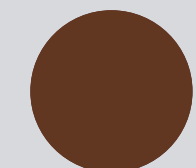
NARROW LIGHT W/LOUVER



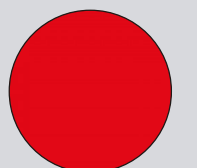
RAL 9016



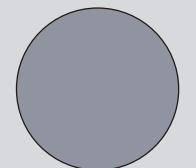
RAL 5010



RAL 8011



RAL 3020



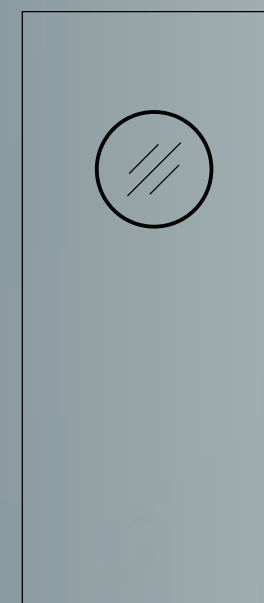
RAL 7045

Acoustic Doors

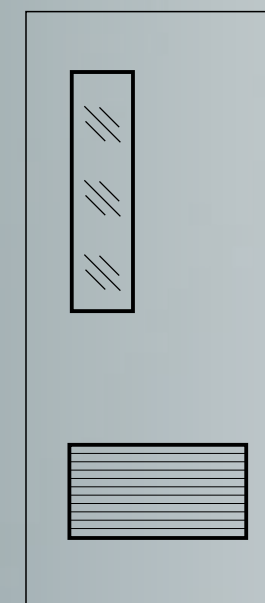
ON AIR



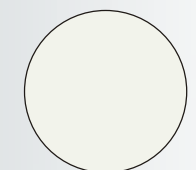
Acoustic Door is designed to reduce sound transmission between rooms and to provide sound privacy of any architectural environment. Optimus offers Acoustic Door with special linings, seals and structurally bonded cores to achieve high level of sound reduction. This door will be available in Plain, Round Light, Narrow Light with Louvers Pattern.



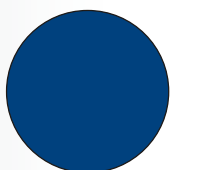
ROUND
LIGHT



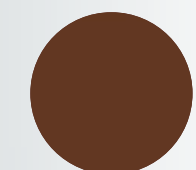
NARROW LIGHT
W/LOUVER



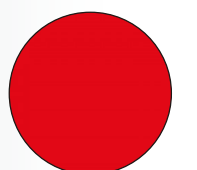
RAL 9016



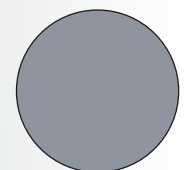
RAL 5010



RAL 8011



RAL 3020

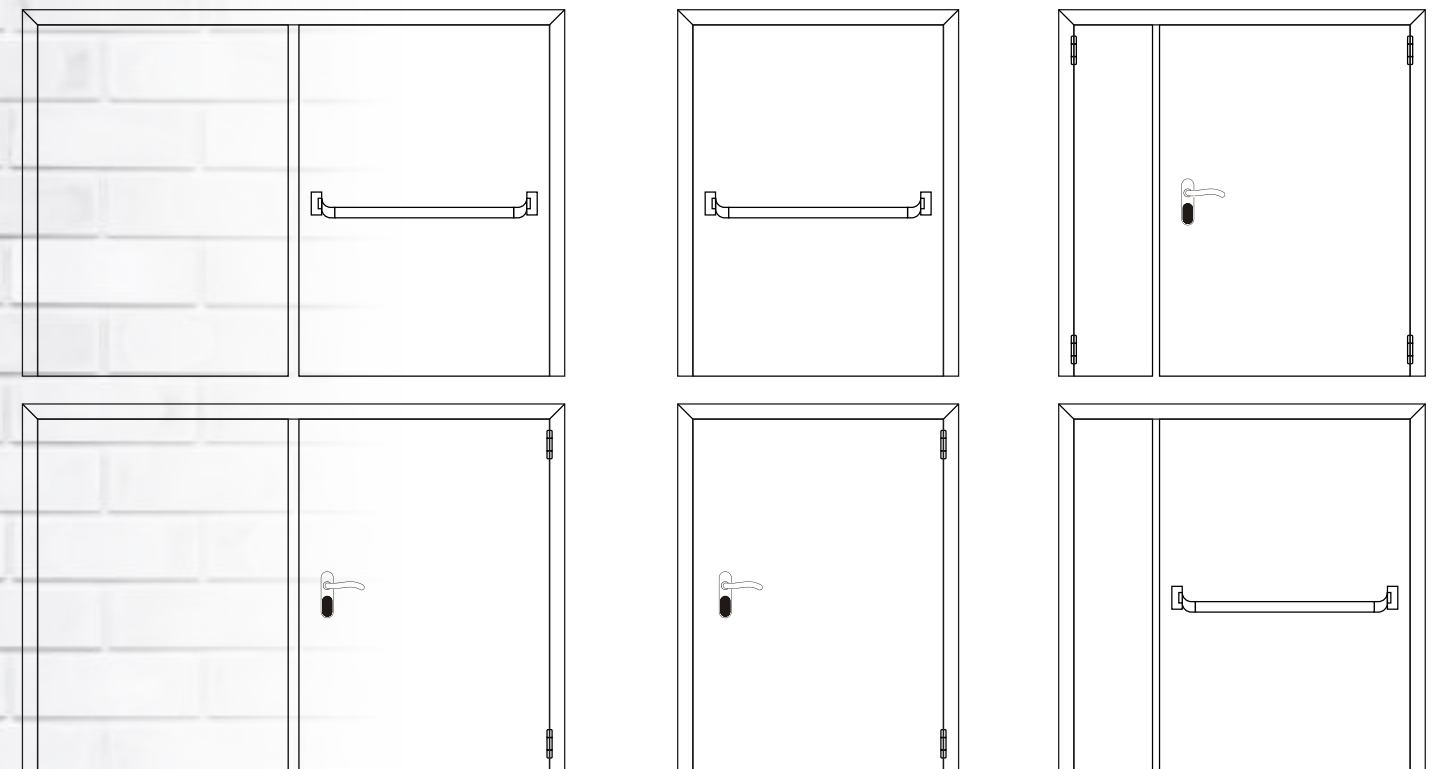


RAL 7045

Fire Rated Doors



Fire Rated Door with fire resistance rating used as part of passive fire protection system to reduce the spread of fire between compartments and to enable safe egress from a building or structure. Optimus offers fire rated doors with fire resistant levels from 30 minutes to 2 Hours.



Technical Specifications Commercial & Industrial Doors

Our industrial doors are engineered for maximum security and durability, suitable for the most demanding environments.

Key Features

- Heavy-Duty Construction: Reinforced steel for added strength.
- Advanced Security: Multiple locking points for enhanced protection.
- Environmental Resistance: Built to withstand harsh conditions.

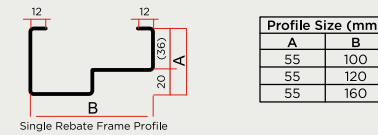
Applications

- Warehouses
- Factories
- Commercial Buildings

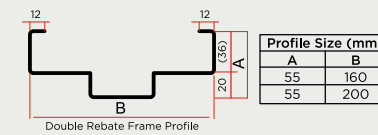


FRAME TYPES & SIZES

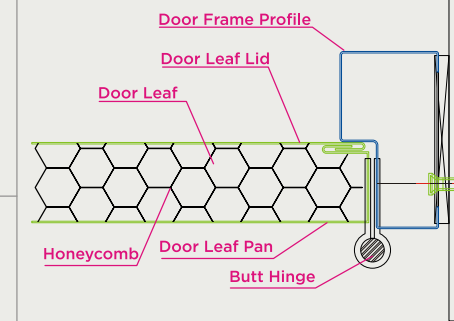
Single Rebate Frame Profile



Double Rebate Frame Profile



SHUTTER TYPE



INFILL OPTIONS

Honeycomb



Mineral Wool



Frames made as per IS 4351

Material Thickness	1.2mm and 1.6mm (without seal)
Frame Profile Types	Single Rebate Double Rebate Single Rebate with Seal Double Rebate with Seal
Corner Jointing Type	Mitre Cut ('45) or Straight Cut (90')
Frame Assembly Types	Knock down screwing type and assembled at site Fully Welded Frame
Finish Coating	Plain finish with pure polyester powder coating

Hardware Options

Hinges	4" SS Butt Hinges
Lock	Tubular Lock Mortise Lock Dead Lock Panic Bar
Handle	D Handle Panic Exit Devise Push Plate Kick Plate
Door Closer	Surface Mounted Concealed Door Closer CDC with Hold Open
Threshold	Four Sided Frame Low Profile Aluminium Ramped
Door Seal	EPDM/Wool pile type strip automatic dropdown seal

Door Leafs made as per IS 116074

Material Thickness	0.8mm and 1.0mm
Panel Thickness	46mm
Panel Type	Fully Flush
Infill Types	Honeycomb Mineral Wool Steel Reinforced
Finish Coating	Plain Finish with Pure Polyester powder coated
Hinge Type	SS Butt Hinge

Door Sizes

Plain Doors

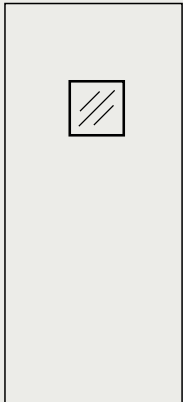
	L (mm)	H (mm)
Single Leaf	600	1850 min
	1200	3050 max
Double Leaf	1200	1850 min
	2400	3050 max

Door Configuration

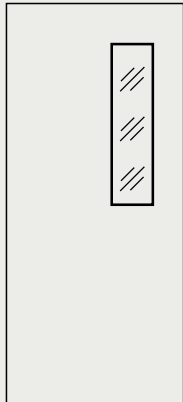
Flush doors for Industrial & Commercial, Clean Room and Thermal Doors configurations



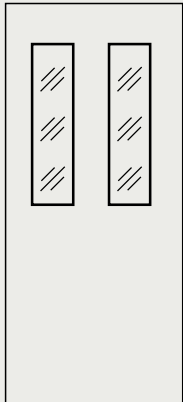
FLUSH



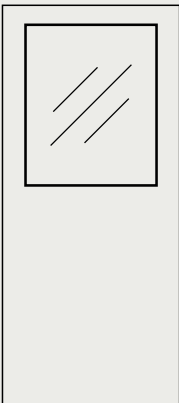
VISION LIGHT



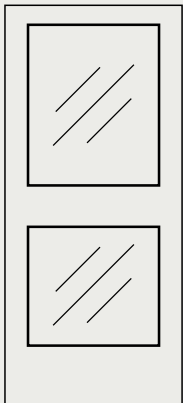
NARROW LIGHT



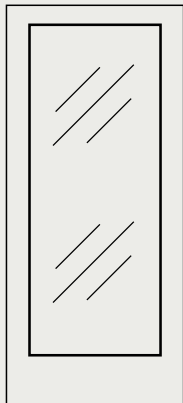
TWO NARROW LIGHTS



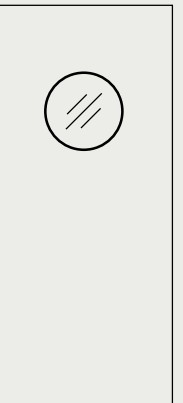
HALF LIGHT



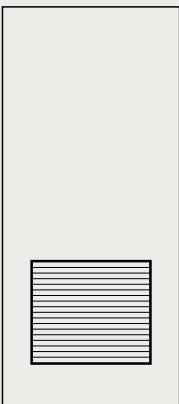
TWO HALF LIGHTS



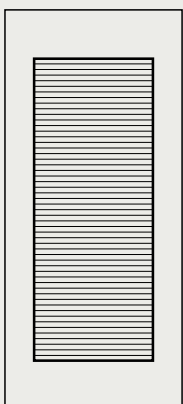
FULL LIGHT



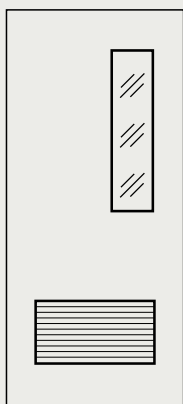
ROUND LIGHT



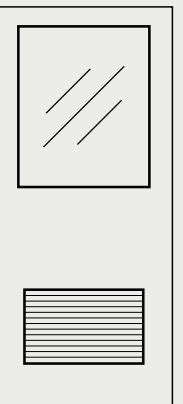
BOTTOM LOUVER



FULL LOUVER

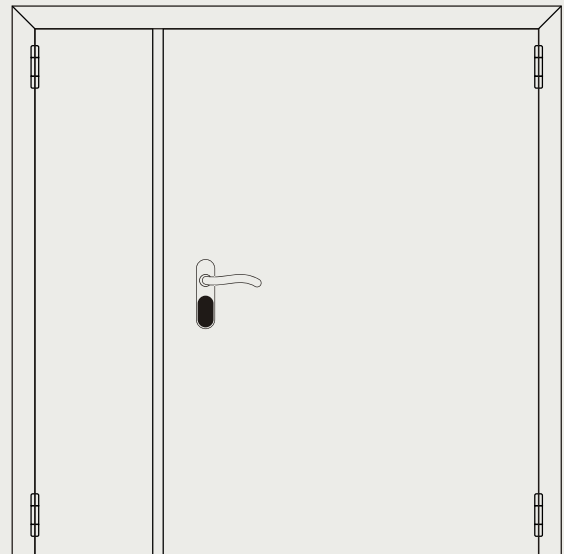
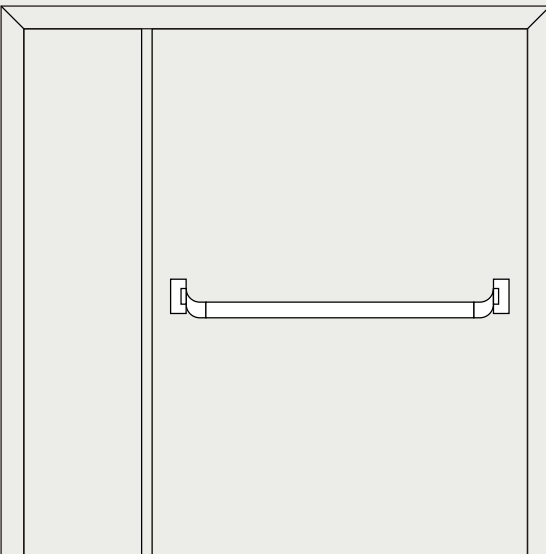
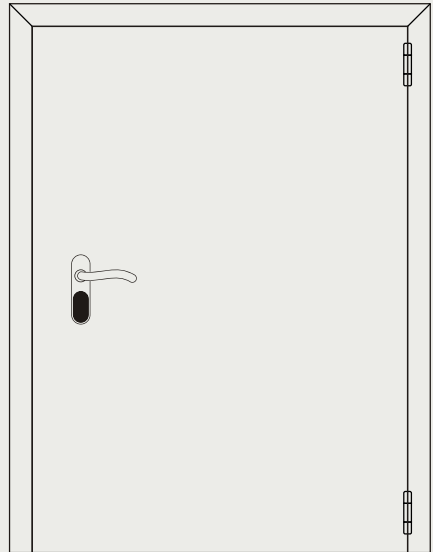
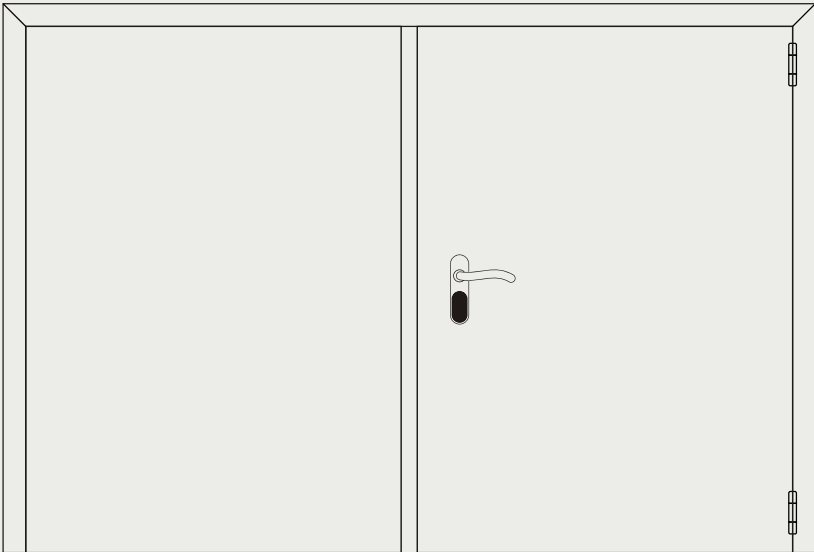
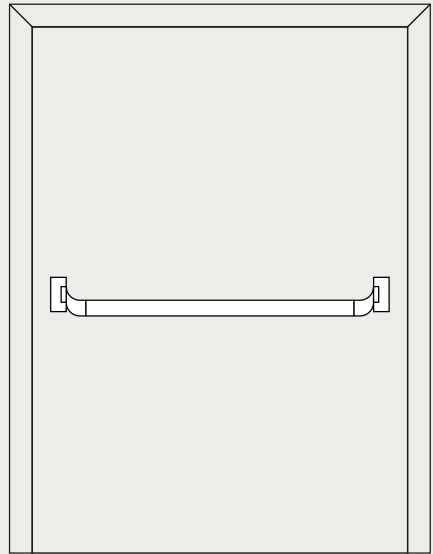
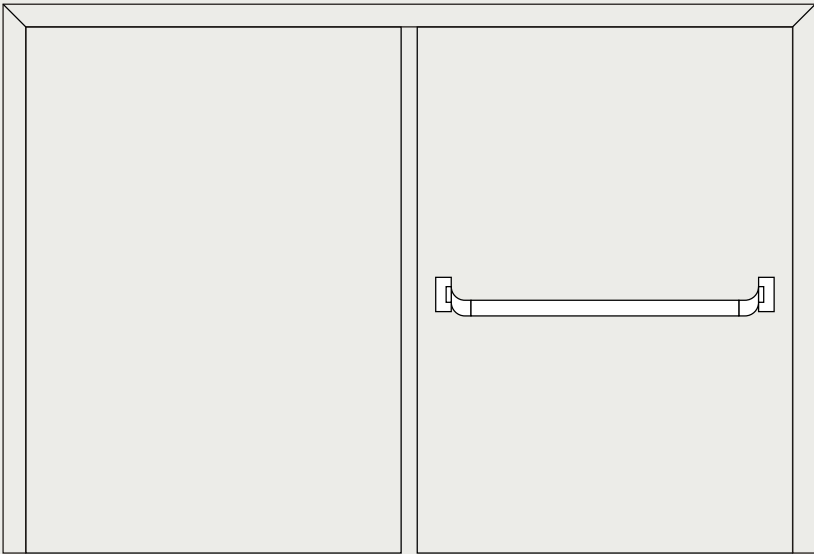


NARROW LIGHT W/LOUVER



HALF LIGHT W/LOUVER

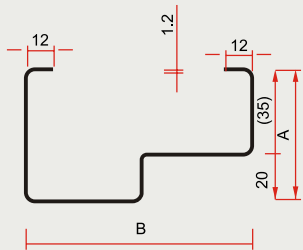
Fire Rated Door Configuration



Technicals

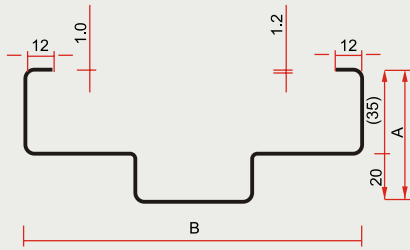
FRAME TYPES & SIZES

Single Rebate frame profile



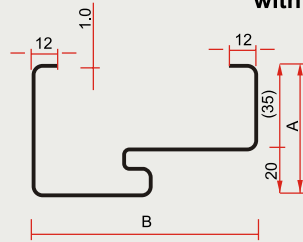
Profile Size (mm)	
A	B
55	100
55	120
55	160

Double Rebate frame profile



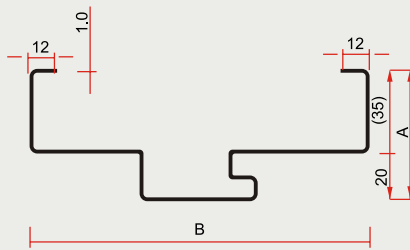
Profile Size (mm)	
A	B
55	160
55	200

Single Rebate frame profile with Gasket Groove



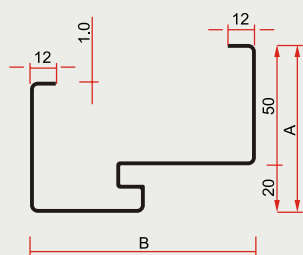
Profile Size (mm)	
A	B
55	100
55	120
55	160

Double Rebate frame profile with Gasket Groove



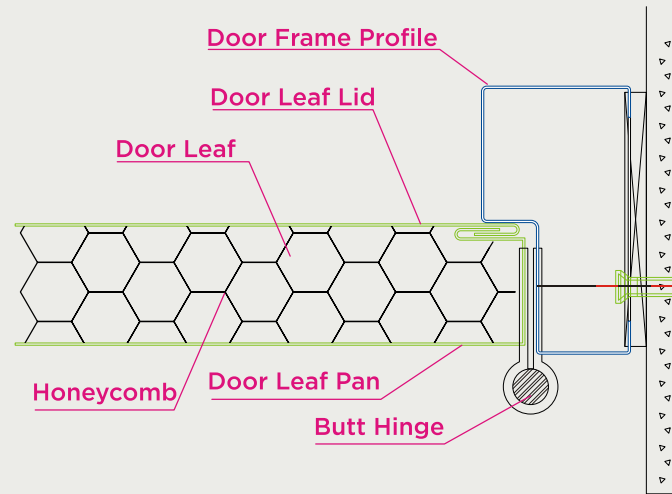
Profile Size (mm)	
A	B
55	160
55	200

Architrave Single Rebate frame profile with Gasket Groove



Profile Size (mm)	
A	B
70	100

SHUTTER TYPE



INFILL OPTIONS

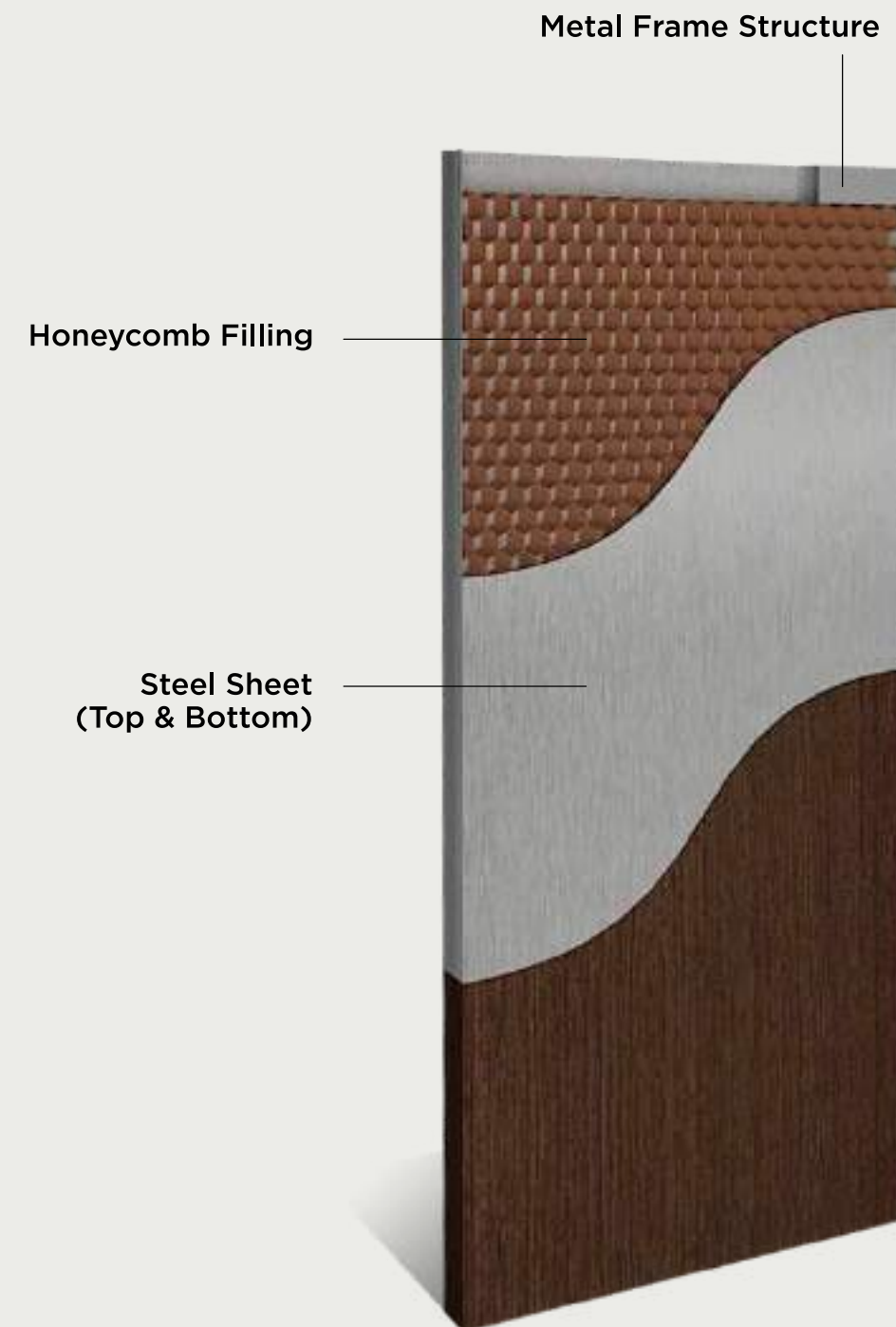
Mineral Wool



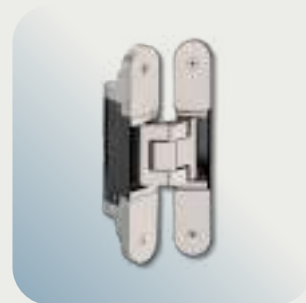
Honeycomb



The Door - Inside Out



Superior Hardware



Concealed Hinge



Dead Lock



Cylinder Lock



Tubular Lock



Mortise Lock



Handle



Multi Point Lock



Butt Hinge



Smart Lock

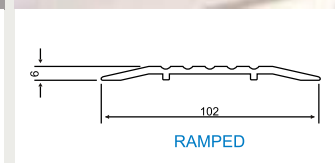
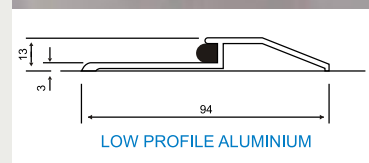


Multi Point Lock



Door Stopper

Thereshold Types

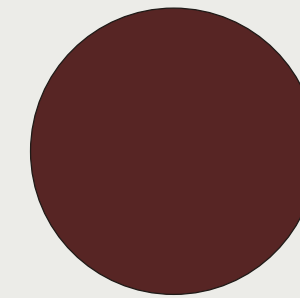


Strip Type EPDM/Wool Pile



Automatic Drop Seal

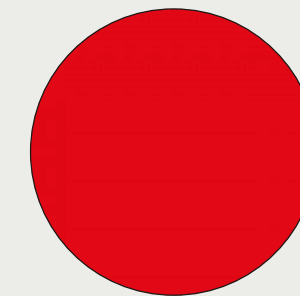
Wide Range of Colour Option



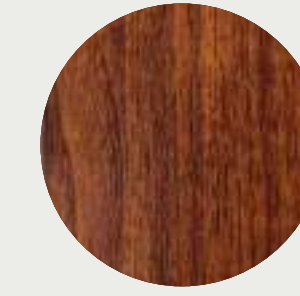
RAL 8011



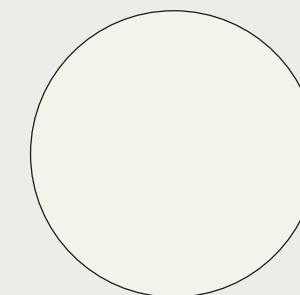
MAHOGANY



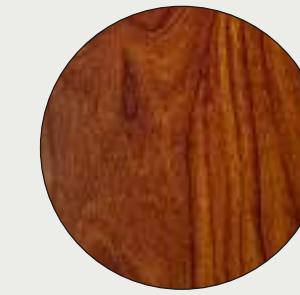
RAL 3020



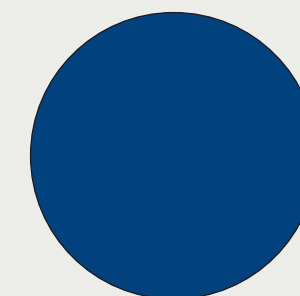
DARK WALNUT



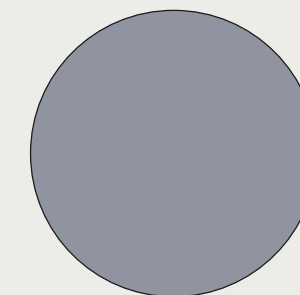
RAL 9016



GOLDEN OAK

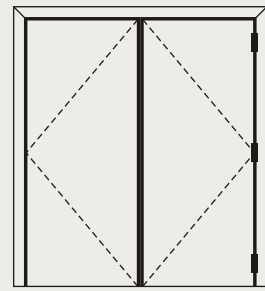


RAL 5010

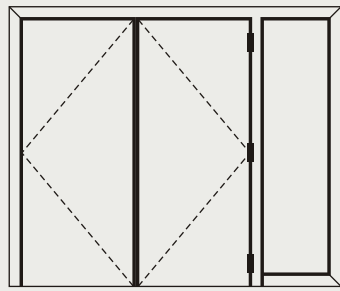


RAL 7045

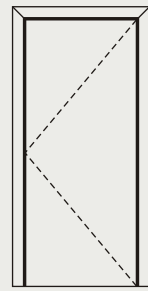
Residential Door Configurations



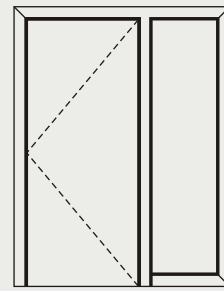
DOUBLE LEAF



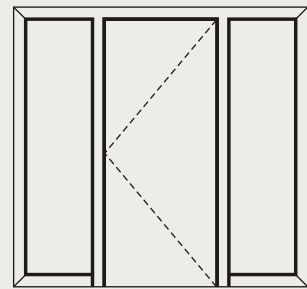
DOUBLE LEAF WITH SIDE PANEL



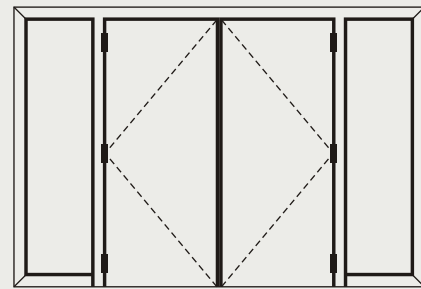
SINGLE LEAF



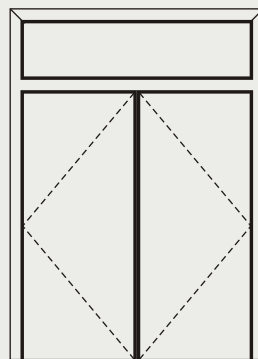
SINGLE LEAF WITH SIDE PANEL



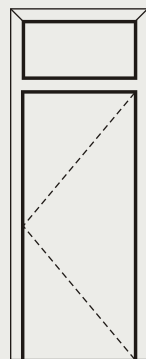
SINGLE LEAF WITH SIDE PANEL BOTH SIDES



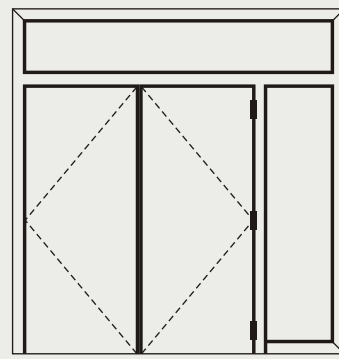
DOUBLE LEAF WITH SIDE PANEL BOTH SIDES



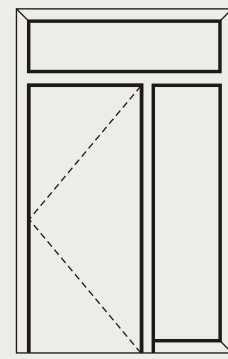
DOUBLE LEAF WITH OVERHEAD PANEL



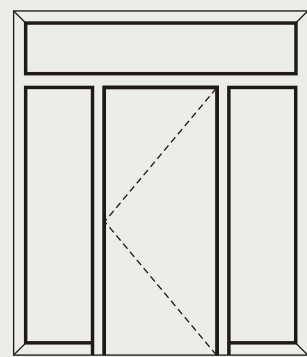
SINGLE LEAF WITH OVERHEAD PANEL



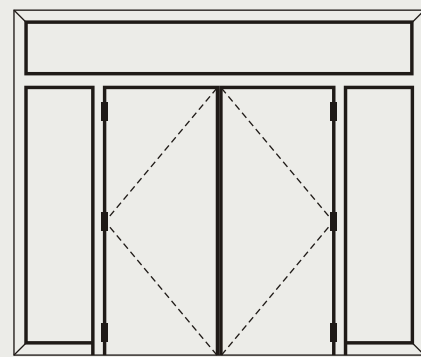
DOUBLE LEAF WITH SIDE PANEL & OVERHEAD PANEL



SINGLE LEAF WITH SIDE PANEL & OVERHEAD PANEL



SINGLE LEAF WITH SIDE PANEL BOTH SIDES & OVERHEAD PANEL



DOUBLE LEAF WITH SIDE PANEL BOTH SIDES & OVERHEAD PANEL



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