

FIRE DOOR CATALOGUE

DOOR SOLUTION GUIDE

CERTIFICATES





DOUBLE LEAF INSULATED METAL FIRE DOOR FD 120 PI

AS PER IS 3614: 2021, IS/ISO 3008 (PART-1): 2019, BS 476: P 20 & 22: 1987



Test Report No.: A2402090001-0002 Samples ID: L2/ A2402090001-0002 Date of Report Issue: 14.02.2024 ULR No.: TC834224000000654F



ADDRESS: PLOT NO-5&6 UPSIDA SITE-5 KASNA GREATER NOIDA,GAUTAM BUDII NAGAR-201310 U.I

SINGLE LEAF METAL FIRE DOOR FD 120 PI

AS PER IS 3614: 2021, IS/ISO 3008 (PART-1): 2019, BS 476 : P 20 & 22 : 1987



Test Report No.: A2402090001-0001 Samples ID: L2/ A2402090001-0001 Date of Report Issue: 14.02.2024 ULR No.: TC834224000000653F

STUDY CONDUCTED FOR 24 STEEL IMPRESSIONS PVT. LTD.

ADDRESS: PLOT NO-5&6 UPSIDA SITE-5 KASNA GREATER NOIDA,GAUTAM BUDH NAGAR-201310 U.I

CERTIFICATES



FIRE RESISTANCE TEST REPORT SCHEDULED-1/1 REFERENCE NO. FSE-CSIR-CBRI/1294

Disclaimer: The contents of this report are the privileged and confidential material of CSIR-Central Building Research Institute, Roorkee. Information contained herein is solely intended for use by the client. Technical data provided in the report pertains to the representative sample of client submitted to the Institute and tested. CSIR-CBRI's name or logo cannot be used for commercial purposes. All procedural, legal, and/or operational matters will be the responsibility of the client using this report. Accepting/rejecting the results partly or fully rests with the concerned agencies.

Name of the Testing:

Laboratory

Fire Safety Engineering

CSIR-Central Building Research Institute,

Roorkee-247667, Uttarakhand, India

Name of the Sponsorer

M/S 24 Steel Impressions Pvt. Ltd. Plot No. P-5 & 6, Site 5, Industrial Area, Kasna, Greater Noida, -201310, UP

Sample Manufacturer

M/S 24 Steel Impressions Pvt. Ltd. Plot No. P-5 & 6, Site 5, Industrial Area, Kasna, Greater Noida, -201310, UP

Manufacturer Consent

for Fire Test of Sample

Sample Fire Tested for

the Project

Not Applicable

Type of Test Sample

Surface of Test Sample

Door Uncoated

Symmetry of Sample

Symmetrical

Details of Sample

Dimension of Sample

Size Door Frame Door Panel : 2400 mm : 2357 mm Height

Width 1200 mm : 1124 mm Thickness: 100 mm 46 mm

11 Sample in-fill materials

Rock wool of 96 kg/m3 in door panel and ceramic gasket plus cement sand mortar in door frame.

Single leaf single swing metal door with vision panel

12 Sample Vision Panel

One Nos. 270 mm (H)x 170 mm (W) x 6mm (T)

(Make- AIS Borpane)

भाग विकासिक / Principal Scientist
भवान वैक्रानिक / Principal Scientist
राएस.आई.आर.-केन्द्रीय श्वन अनुर्यधान संस्थान
CSIR-Central Building Research Institute



FIRE RESEARCH LABORATORY

सी.एस.आई.आर-केन्द्रीय भवन अनुसंधान संस्थान **CSIR - Central Building Research Institute**

कडकी - 247 667 (उत्तराखण्ड) भारत / Roorkee - 247 667 (U.K.) INDIA

Note: This original only is valid. Third parties using copies are doing so at their own risk.





WE GOT YOU COVERED WITH OUR

INSULATED FIRE PROOF DOORS

WHICH ARE BEST DESIGNED TO PREVENT FIRE FROM SPREADING

Our doors are designed to resist the spread of fire and smoke between compartments in a building, which helps to contain the fire to a specific area for a designated period (usually 60 - 120 minutes) This Containment allows for safer evacuation routes and helps to



protect property.

FEATURES

AUTOMATIC DOOR CLOSER «

LAPANIC BAR LOCK «

FIRE RELATED COMPONENTS «

★ CRACK PROOF VIEW GLASS≪



ABOUT US

Welcome to Ingress Fire Doors, where safety meets sophistication. We specialize in crafting high-quality fire doors that not only meet stringent safety standards but also elevate the aesthetics of any space they protect. At Ingress, we believe that protecting lives and property shouldn't compromise on style.

Our mission at Ingress Fire Doors is simple yet profound, to safeguard lives and property through innovative fire door solutions. We strive to set new benchmarks in fire safety by combining advanced technology with impeccable craftsmanship. Every door we create is a testament to our commitment to excellence and our dedication to providing peace of mind to our clients.





At Ingress Fire Doors, we are not just manufacturers, we are partners in safety and design. We continuously innovate and evolve our product offerings to stay ahead of industry trends and advancements in fire safety technology. Our goal is to ensure that our clients receive not only the best fire doors but also the best service and support.

OUR PRODUCTION FACILITY





PRESS BRAKE- 135T;3000MM

PRESS BRAKE 40T-1600MM







POWDER COATING PLANT (ENVELOP SIZE - 3100MMX1524M MX1830MM)

OUR PRODUCT RANGE



- 1. STEEL FIRE RATED DOOR
- 2. FULLY GLAZED DOOR
- 3. HMPS (HOLLOW METAL PRESSED) DOOR
- 4. CLEAN ROOM DOOR
- 5. SLIDING DOOR (AUTOMATIC & MANUAL)
- 6. LEAD LINE/X-RAY ROOM DOOR
- 7. SS FLUSH DOOR
- 8. WOODEN GRAIN FINISH STEEL DOOR
- 9. SHAFT DOOR (FIRE, PLUMBING & ELECTRIC DUCT)
- 10. RESIDENTIAL DOOR
- **11. WODDEN FIRE RATED DOOR**
- 12. OFFICE DOOR



DOOR TYPE

SINGLE LEAF STEEL FIRE DOOR







Door Type: Steel Fire Retardant Door

Criteria: Stability & Integrity with Infill Insulation Material

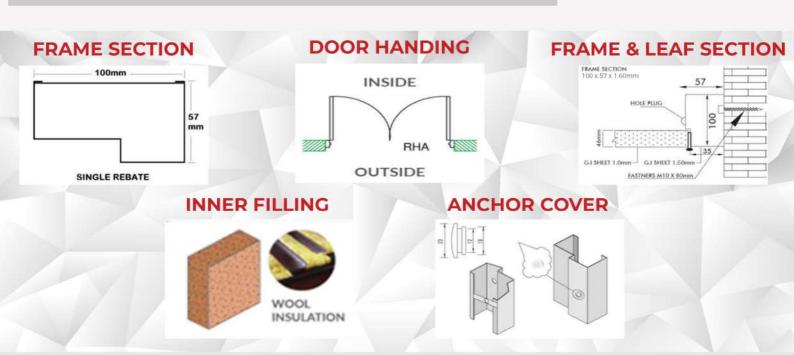
Rating: 120mins

Shutter Thickness: 46mm

Frame Design: 100x57mm (Single Rebate)

Testing Standards: IS 3614: 2021, IS/ISO3008 (PART-1):2019,

ISO834-1, BS 476 PART 20 & 22:1987



DESCRIPTION

- 1. Frame 1.6mm Thick Galvanised steel sheet
- 2. Shutter 1.0mm Thick Galvanised steel sheet
- 3. Shutter Infill Honey comb/ Wool Insulation
- 4. Tested with Vision Panel For 120 minutes rating
- 5. Machine made interlocking skin sheets with interlock edges
- 6. Top Channel Flush with standards
- 7. Inverted bottom Channel with Option
- 8. Doors along with the Hardwares of approved or selected Brands

RECOMMENDED FINISH

Door Frame & Shutter

1. Powder Coating in desired RAL Shade Code

DOOR TYPE DOUBLE LEAF STEEL FIRE DOOR











Door Type: Steel Fire Retardant Door

Criteria: Stability & Integrity with Infill Insulation Material

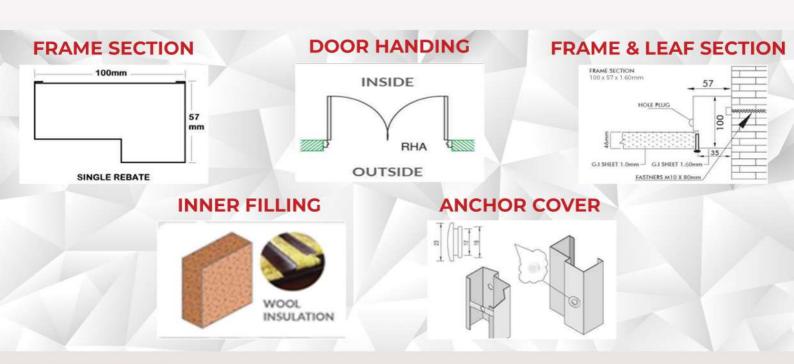
Rating: 120mins

Shutter Thickness: 46mm

Steel Frame Profile Design: 100x57mm (Single Rebate)

Testing Standards: IS 3614: 2021, IS/ISO3008 (PART-1):2019,

ISO834-1, BS 476 PART 20 & 22:198



DESCRIPTION

- 1. Frame 1.6mm Thick Galvanised steel sheet
- 2. Shutter 1mm Thick Galvanised steel sheet
- 3. Shutter Infill Honey Comb/ Wool Insulation
- 4. Tested with Vision Panel For 120 minutes rating
- 5. Machine made interlocking skin sheets with interlock edges
- 6. Top Channel Flush with standards
- 7. Inverted bottom Channel with Option
- 8. Doors along with the Hardwares of approved or selected Brands

RECOMMENDED FINISH

Door Frame & Shutter

1. Powder Coating in desired RAL Shade Code

DOOR TYPE (HMPS) HOLLOW METAL PRESSED SINGLE AND DOUBLE LEAF DOOR





Single Door



Single with Glass



Single with Window



Single with Glass & Window



Double Door



Double with Glass



Double with Window



Double with Glass & Window



Push Bar Lock



Office & Resedential Door



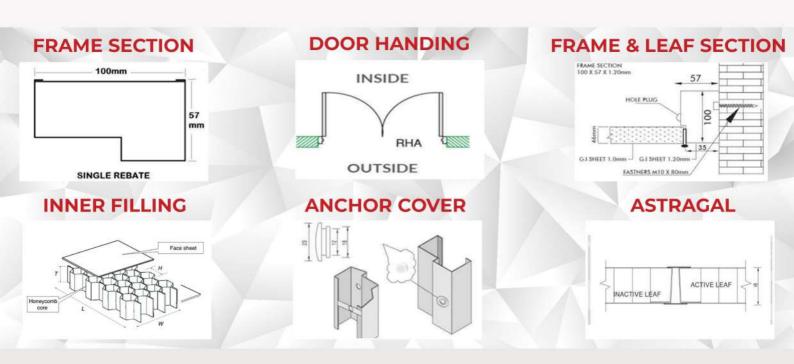
Door Type: HMPS Steel Door

Criteria: Stability & Integrity with Honeycomb Material

Shutter Thickness: 46mm

Steel Frame Profile Design: 100x57mm (Single Rebate)

Steel Frame Profile Design: 143x57mm (Double Rebate opt.)



DESCRIPTION

- 1. Frame 1.2 /1.6mm Thick Galvanised steel sheet
- 2. Shutter 0.8mm, 1.0mm, 1.2mm & 1.6mm Thick Galvanised steel sheet
- 3. Shutter Infill Honey Comb
- 4. Vision Panel As per Customer Requirement
- 5. Machine made interlocking skin sheets with interlock edges
- 6. Top Channel Flush with standards
- 7. Inverted bottom Channel with Option
- 8. Doors along with the Hardwares of approved or selected Brands

RECOMMENDED FINISH

Door Frame & Shutter

1. Powder Coating in desired RAL Shade Code

DOOR TYPE FULLY GLAZED SINGLE AND DOUBLE LEAF DOOR











Door Type: Fully Glazed Steel Door

Criteria: Stability, Integrity with Infill Insulation/Honeycomb

Shutter Thickness: 46mm-50mm

Steel Frame Profile Design: 143x57mm (Double Rebate)

Clear Glass: 6mm-11mm Thick Toughened Glass

FRAME SECTION ANCHOR TYPE FRAME & LEAF SECTION FRAME & LEAF SEC

DESCRIPTION

- 1. Frame 1.6mm Thick Galvanised steel sheet
- 2. Shutter 1.2mm/1.6mm Thick Galvanised steel sheet
- 3. Vision Panel As per requirement(Upto Max.)
- 4. Shutter Infill Honey Comb/ Wool Insulation
- 5. Machine made interlocking skin sheets with interlock edges
- 6. Top Channel Flush with standards
- 7. Inverted bottom Channel with Option
- 8. Doors along with the Hardwares of approved or selected Brands

RECOMMENDED FINISH

Door Frame & Shutter

1. Powder Coating in desired RAL Shade Code

DOOR TYPEFULLY GLAZED SINGLE & DOUBLE LEAF DOOR WITH FIXED PARTITION









Door Type: Fully Glazed Steel Door with Fixed Partition Criteria: Stability & Integrity with Infill Insulation Material

Shutter Thickness: 60mm

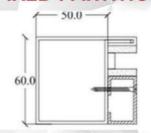
Steel Frame Profile Design: 60x60mm

Clear Glass: 6mm-11mm Thick Toughened Glass

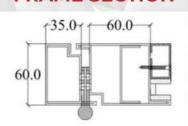
INNER FILLING



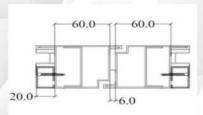
FIXED PARTITION



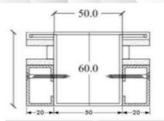
FRAME SECTION



DOOR METTING STILE



FIXED PARTITION MULLION



DESCRIPTION

- 1. Frame 1.6mm Thick Galvanised steel sheet
- 2. Shutter 1.6mm Thick Galvanised steel sheet
- 3. Vision Panel As per requirement (Upto Max.)
- 4. Shutter and Frame Infill Insulation Material
- 5. Machine made interlocking skin sheets with interlock edges
- 6. Doors along with the Hardwares of approved or selected Brands

RECOMMENDED FINISH

Door Frame & Shutter

1. Powder Coating in desired RAL Shade Code

DOOR TYPE SINGLE AND DOUBLE LEAF WOODEN FIRE DOOR











Door Type: Wooden Fire Retardant Door

Criteria: Stability & Integrity with Infill Insulation Material

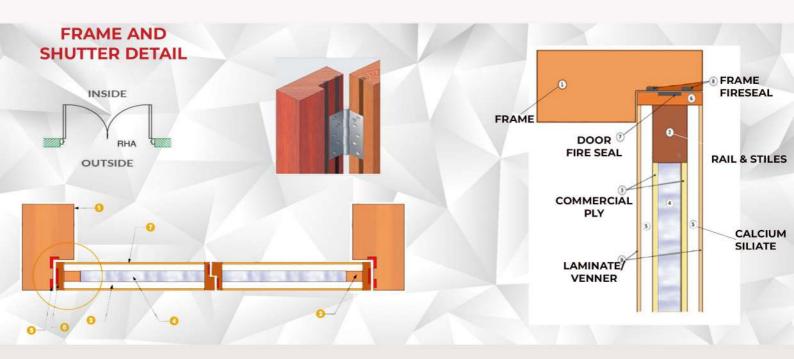
Rating: 60-120mins

Shutter Thickness: 50-55mm

Frame Profile Design: 120/140 x 70mm

Testing Standards: IS 3614: PART 2, BS 476 PART 20 &22

Test Laboratory: Approved /Govt. Lab



DESCRIPTION

- 1. Frame Door Frame made out of Hardwood Mirandi/Teakwood as per req.
- 2. Shutter Internal frame made of Hardwood Timber
- 3. Shutter Infill Wool Insulation with Calcium silicate board
- 4. Vision Panel Fire rated glass 60-120 minutes rating
- 5. Intumescent fire/smoke seal 10x4 2 nos on all three sides of frame
- 6. Intumescent fire/smoke seal 20x4 1 nos on all sides of shutter except Bottom
- 7. 3mm to 6mm Commericial ply on both sides of shutter
- 8. Doors along with the Hardwares of approved or selected Brands

RECOMMENDED FINISH

Door Frame

1. FR Primer with paint finish

Shutter

2. Both side Laminate/Veneer or FR Primer with paint finish

ADDITIONAL DOOR CATEGORIES





CLEANROOM PARTITION DOOR / X-RAY ROOM DOOR



FIRE SHAFT DOOR (FIRE PLUMBING & ELECTRIC DUCT)



STAINLESS STEEL DOOR



RESIDENTIAL & OFFICE DOORS



WOODEN GRAIN FINISH STEEL DOOR

DOOR ELEVATIO









Centre Vision



Rectangle Vision



Side Narrow Vision



Centre Narrow Vision



Half Vision



Side full Vision



Two Half Vision



Full Vision



Centre Narrow Vision with Louver

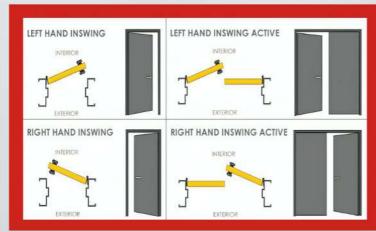


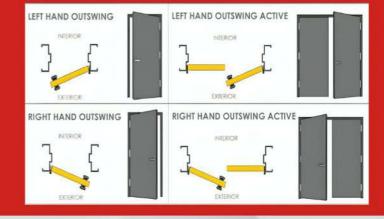
Louver



Side Narrow Vision with Louver

SINGLE DOOR AND DOUBLE DOOR HANDING CHART





SHADE CARD







RAL 7031 BLAUGRAY, BLUE GREY, GRIS BLEU





RAL 7042 TRAFFIC GREY A





RAL 8011 NUT BROWN



RAL 5010 GENTIAN BLUE



RAL 7015 SLATE GREY





RAL 7032 PEBBLE GREY



DOOR SPECIFICATION

Door Frame: 1.2/1.6/2.0mm GI sheet

Door Leaf: 0.8/1.0/1.2/1.6mm GI Sheet

Door Thickness: 46mm-50mm

Infill: Honeycomb/Wool

Vision Panel: Toughened/Fire glass

HARDWARES

Emergency Exit: Panic Bar

Standard Lock: Sash Lock, Dead Lock

Pull Handle: D type & H Type SS Pull Handle

Hinges: SS Ball Bearing Butt Hinges

Door Closer: Medium & Heavy duty

Finish: Powder Coated

OTHER OPTIONAL HARDWARE

Kick Plate

Door stopper

Concealed Flush Bolt

Push Plate

Door Coordinator

Door Seal/Smoke Seal

DESCRIPTION

Door Frames Material: Galvanized Steel/SS

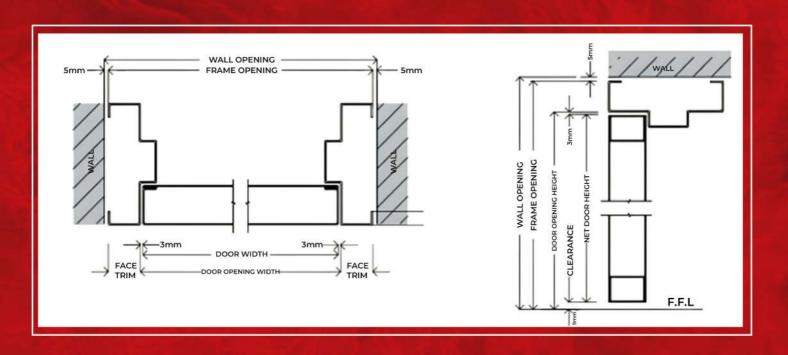
Sheet Thickness: 1.6mm/1.2mm

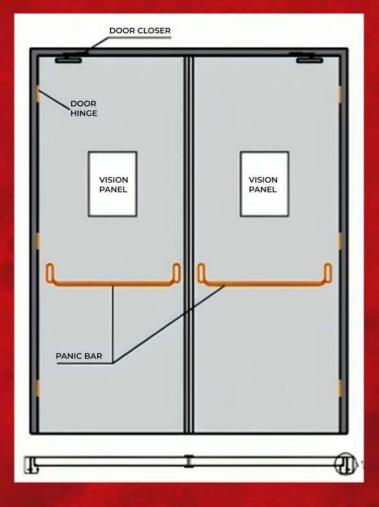
Standard Frame Section: 100x57mm

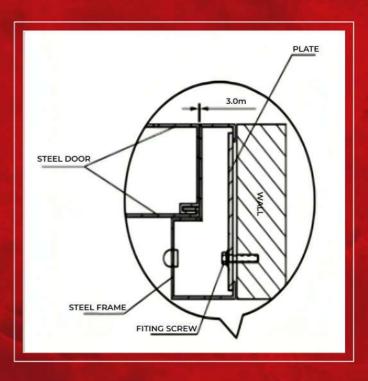
Double Rebate frame Section: 143x57mm

ILLUSTRATIVE DOOR OPENING WIDTH AND HEIGHTS









STANDARD DOOR

HARDWARE DETAIL





CERTIFICATES









APPRECIATION LETTER



Khetwani Designs Pvt. Ltd.

Piot No. 5, 2nd Floor Block C-2, Pragat Market Ashok Vihiar Phase 2 New Delhi-110052 Tel. 011-42237115

Letter Reference No.: 021 Dated: December 23, 2024

TO WHOM SO EVER IT MAY CONCERN

We hereby certify that "THE INGRESS" steel, glazed, and wooden fire-rated doors, manufactured by 24 Steel impressions Pvt. Ltd. at their facility in Ksana, Greater Noida, have been used in our projects Based on our experience, we confidently attest to the high quality of these doors and have been fully satisfied with the responsive service provided by 24 Steel Impressions.

These doors carry a two-hour fire rating, conforming to IS 3614:2021 and IS/ISO 3008 (Part-1):2019 standards, meeting the essential safety requirements for our applications.

We further acknowledge the dedicated assistance of Mr. Sunil Raipal, whose efforts facilitated our connection with M/s 24 Steel Impressions Pvt. Ltd. We wish them continued success in their future facility of the success of their future facility of the success of their future facility of the facili

For Khetware Designs Pvt. Ltd.,

ail.com

UMA SHANKAR AND ASSOCIATES

Architecture Interiors Landscape 112-A, Pkt. D-2, DDA Flats, Kondli Mayur Vihar Ph-3 Delhi 110096 Phone: - 9953260099

TO WHOM SOEVER IT MAY CONCERN

This is to certify that "THE INGRESS" steel, glazed, and wooden firerated doors are manufactured by 24 Steel Impressions Pvt. Ltd. at their facility in Kasna, Greater Noida. We have utilized these steel fire-rated doors in our projects and can confidently endorse them as high-quality products. We are fully satisfied with their prompt and reliable service.

The product carries a two-hour fire rating, compliant with IS 3614:2021 and IS/ISO 3008 (Part-1):2019 standards.

We would like to acknowledge and appreciate the dedicated efforts of Mr. Sunii Rajpal in connecting us with M/s 24 Steel Impressions Pvt. Ltd. We extend our best wishes for their continued success in the future.

For UMA SHANKAR AND ASSOCIATES

21. Shank

Proprieto



DATE: 14-12-2023

TO WHOM IT MAY CONCERN

This is to certify that "THE INGRESSS' fire rated doors for two hours rating as per NATIONAL BUILDING CODE OF INDIA 2016-Part 4 Fire and life safety (Volume 1 & Volume 2) are the leading manufacturer of steel, glazed and wooden fire rated doors under one roof by 24 Steel Impressions Pvt.Ltd. at Kasna, Greater Noida.

The quality of product and finish is very good, moreover the service provided by them is excellent in the Industry. We have used "THE INGRESS" fire rated doors in our RISHIHOOD UNIVERSITY PROJECTS and fully satisfied with their product range. We sincerely appreciate Company's responsiveness and the way they conduct business.

We strongly recommend 'THE INGRESS' iconic brand to Architects, Builders, Contractors and interior Designers to specify and use of above products in their projects and wish them a great success in future.

Signature

Personation 14/14/23

Campus: Rishihood University, NH-44 (GT Road), Near Bahalgarti Chowk, Delhi NCR Sonipat, Haryana, India 151021 Corporate Office: D-11, 2nd Floor, Prashant Vihar, Rohmi, New Delhi, Del 110085.

IN: U80302DL2011NPL225256) www.rshihood.edu.in | namaste@rishihood.edu.in

HAPPY CUSTOMERS



- 1. RISHIHOOD UNIVERSITY, SONIPAT
- 2. UMA SHANKAR AND ASSOCIATES (DDA), DELHI
- 3. KEHETWANI DESIGNS PVT. LTD., NEW DELHI
- 4. SUSHILA DEVI RAM LAL MEMORIAL SOCIETY, NEW DELHI
- 5. NIDHI AUTO INDUSTRIES PVT. LTD., NOIDA

THANK YOU

FIRE DOORS ARE NOT JUST DOORS, THEY ARE BARRIERS AGAINST DISASTER

CONTACT US



- **©** 0120-4479460
- © C+91 93199 98689
- ☑ Info@24steelimpressions.com
 Ingress@24steelimpressions.com
- Plot No P 5 & 6 site 5 UPSIDA industrial area Kasna Greater Noida District - Gautam Budh Nagar - 201310 Uttar pradesh