

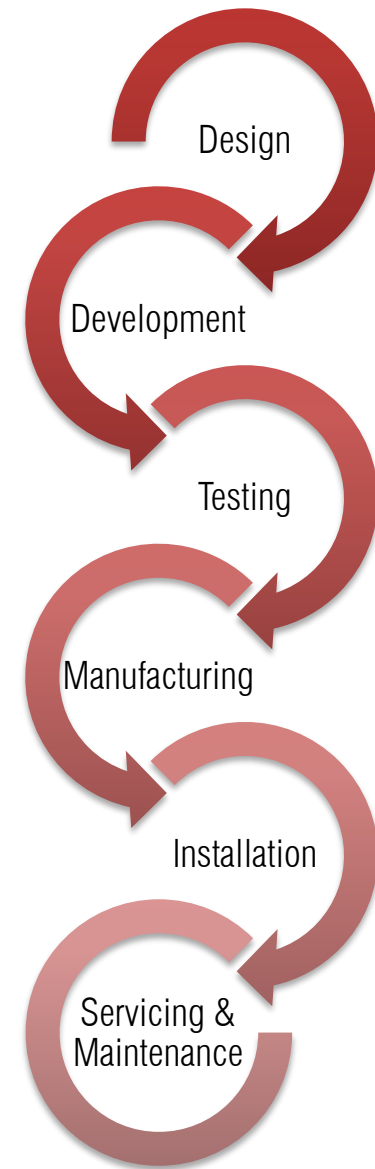
®



SIGNUM

SIGNUM FIRE PROTECTION

YOUR PARTNER
IN
TURNKEY
PASSIVE
FIRE
PROTECTION
&
ARCHITECTURAL
SOLUTIONS



SIGNUM

Established in 1992 in Nagpur, SIGNUM offers experience and expertise widely respected throughout the industry today.

Industry Leader in Innovation

Since inception, we are known to undertake challenging projects and develop novelty solutions, including custom designing from scratch

In-House Design and R&D Team

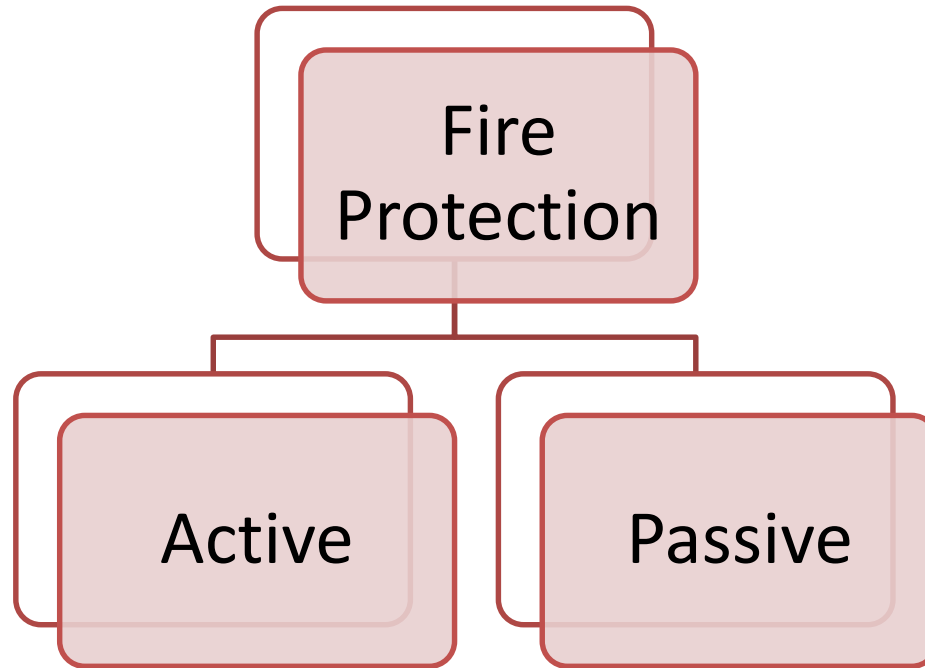
A team of highly qualified individuals dedicated solely to improve & advance our systems

State of the art Manufacturing Facilities

The best of German CNC Sheet Metal & Woodworking Machinery

Turnkey Service Focus

From Design to Maintenance, we do it all in SIGNUM



Fire extinguishers, fire sprinklers, fire hose-reels, fire alarm systems, fire control panel etc.

Fire Partitions, Structural coatings, Fire barrier compounds, fire seals, intumescent coatings, fire doors, fire dampers, fire retardant glass etc.

Great Features

Integrated into the structure of the building

Materials used in construction of building elements themselves resist catching and thus spreading fire

Virtually maintenance free

Once installed, most passive fire protection systems have a lifecycle spanning 25-30 years without any major replacements

Greatly slows spread of fire at point of origin

Creating fire-resistant walls, floors and wall openings (doors, barriers) as barriers to contain the fire

Complete system in itself

Passive Fire Protection products do not typically require any motion or to be activated by electronics; products such as fire barrier compounds, structural coatings etc. themselves act against fire without the need to follow the detection – reaction process associated with active protection systems.*

*Except fire door closers, fire dampers

Most people are familiar with the basics of fire suppression (sprinklers, fire extinguishers, etc.), but the passive fire protection that actually contains a fire at its point of origin can be invisible and nearly forgotten - until the day people truly appreciate it and come to depend on it



SIGNUM Fire cum Acoustic Doors at Multiplex

2	_____	The SIGNUM Turnkey Cycle
3	_____	The SIGNUM Experience
5	_____	Active vs. Passive Fire Protection
7	_____	Contents
8	_____	SIGNUM Quality Policy
10	_____	Quick Facts
12	_____	SIGNUM Product Range
13	_____	SIGNUM Manufacturing & Service Facilities
16	_____	LuxeSteel Luxury Steel Furniture
18	_____	R & D @ SIGNUM

Signum is committed to maximizing customer satisfaction by using environmentally sustainable technologies to improve levels of efficiency and productivity within the organization through continuous design and development, manufacture and sale of reliable, safe, cost effective quality products and services of international standards.

The company also has a commitment to improve the quality of life of its employees

Executive Director



ISO 9001 – 2015 Quality Management Systems

Signum processes are certified per ISO 9001-2015 standards by TUV Nord for not only manufacturing, but design-development and installation activities as well.

Management motivated quality control

At SIGNUM, QA/ QC personnel report directly to the uppermost strata of management, ensuring unhindered betterment

Third party certifications

SIGNUM products & services are approved by leading public sector and private companies such as NPCIL, NTPC, BHEL, BARC, MECON, L&T etc. who frequently visit our facility for inspections

Certifications & Approvals

ISO 9001 – 2015 Quality Management Systems
Signum processes are certified per ISO 9001-2015 standards by TUV Nord for not only manufacturing, but design-development and installation activities as well.

CBRI

SIGNUM has received several fire test certificates from renowned CBRI

CPRI

SIGNUM products have received multiple fire certificates from CPRI, a Central Govt. body under Ministry of Power

GreenPro

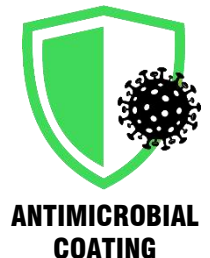
Signum products have received the coveted Type 1 – Ecolabel – GreenPro, certifying that its products are environmentally friendly from IGBC, CII.

ISI License

SIGNUM holds ISI Mark allotted by BIS

Antimicrobial Coating

SIGNUM LuxeSteel products are coated with special antimicrobial coating which prevents growth of micro-organisms on the coated surface. The coating has received certification as per JIS Z 2801, a Japanese Standard



Signum Fire Protection India Pvt. Ltd.

Established 1992 at Nagpur, the geographical center of India

Registered Address: P No. 6 Kh No. 202/2 Village Waddhamana, Taluka Hingna, Dist. Nagpur 440023 INDIA

**The only manufacturer with
Steel, Timber and Chemical
Passive Fire Protection
Systems
ALL under one ROOF**

Phone: +91 7104 289289

Email: marketing@signum.co.in

Website: www.signum.co.in

Over 200 Employees Nationwide

Representatives in Mumbai, Pune, Bengaluru, Chennai, Hyderabad, New Delhi-NCR, Kolkata

Turnkey Services Provider

Steel Shop Capacity: 36000 units p.a., 30000 sq. ft.

Timber Shop Capacity: 9000 units p.a., 16000 sq. ft.

Chemical Shop Capacity: 24000 tons p.a., 10000 sq. ft.



SIGNUM at Bangalore International Airport BIAL

STEEL

Swing Doors
Rolling Shutters
Sliding Doors
Partitions
Modular Metal Works
LuxeSteel Furniture

- Swing Doors
- Fire Doors
 - Flush Doors
 - Acoustic Doors
 - Water tight Doors
 - Vacuum Doors
 - Clean Room Doors

- Rolling Shutters
- Mechanical Shutters
 - Motorized Shutters
 - Fire Rated Shutters

- Sliding Doors
- Sliding Hangar Doors
 - Industrial Sliding Doors
 - Sliding Gates
 - Fire Rated Sliding Doors

LuxeSteel Range

- Doors
- Wardrobes
- Beds

Partitions

- Metal Toilet Cubicles/ Partitions
- Architectural Partitions
- Fire Rated Partitions

Modular Metal Works

- Modular Shelving Systems
- Modular Office Work Stations
- Steel Lockers & Cabinets

TIMBER

Swing Doors
Partitions

- Swing Doors
- Fire Doors
 - Flush Doors
 - Acoustic Doors
 - Acoustic cum Fire Rated Doors
 - Carved Designer Doors

Partitions

- Acoustic Partitions
- Fire Rated Partitions

CHEMICAL

Fire Barrier
Fire Retardant Coatings
Structural Steel Protection

Fire Barriers

- Fire Mortar Barrier
- Fire Sealant/ Putty

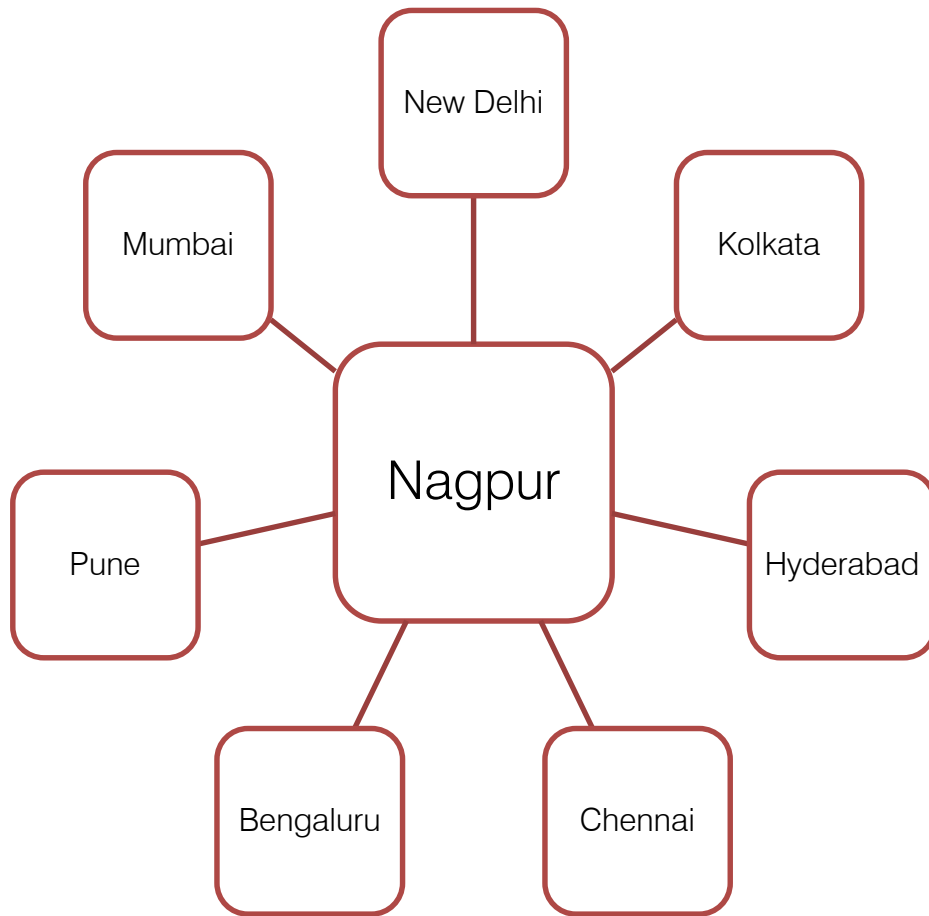
Fire Retardant Intumescent Coatings

- Cable Coatings
- Coating for Wood Surfaces
- Coal Coating
- Fire Retardant Coating for Fabric

For more details about our products please visit our website at <http://www.signum.co.in>
or write to us at marketing@signum.co.in



Clockwise from left: Office building, Timber & Chemical Shops and Testing Lab, CNC Turret, Conveyorized packaging line, Fully Automatic Robotic Powder Coating Process, High energy stored Welding Machine



Nation-wide Network of Qualified and Trained professionals employed directly by SIGNUM to offer the best of services and after-sales support



1 Stainless Steel Kitchen Doors & Windows at the Trident BKC



2 Trident BKC Mumbai

SIGNUM at the Trident Bandra Kurla Complex

LuxeSteel

The LuxeSteel Advantage

- No Termites, no Borers - no Pests
- No bending - No warping, not even in Monsoons
- Elegant and Long Lasting Wood Finish
- Fire Resistant
- Anti-Microbial coated to protect you and your loved ones
- Bored with your furniture? LuxeSteel Range is recyclable - steel can be easily sold as scrap
- Environmentally friendly green furniture – GreenPro Certified



WARDROBES | BEDS | SIDE TABLES | STORAGE

LuxeSteel Luxury Steel Furniture by SIGNUM

Doors with the Strength of Steel united with the classic Look of Wood



Standard Accessories



Eye Viewer



Hinges



Lock



Door Stopper



Tower Bolt

Available Finishes



Burma Teak



Wenge



White Cedar



Flaming Walnut



Red Oak

LuxeSteel Doors

Our Own In-House Fire Research Laboratory

Some Testing Standards

ASTM E119, E814

UL 1479, 10A, 10B, 10C, 555

IS 12458, 3614 Part 2, 3809

BS 476 Parts 20 & 22

Vertical & Cubical Furnace

3m x 3m Vertical rectangular furnace or wall type furnace to test partitions, hinged/sliding/rolling doors, dampers and similar specimens.

3m x 3m x 2m Cubical furnace to test horizontal or vertical arrangements of specimens such as fire barriers in wall openings or floor openings, hatch doors, structural steel coatings and similar systems

LPG Gas fired burners

Programmable time – temperature controllers

Auto fuel and fuel-to-air ratio control

Multi – channel data logging

Testing in action



1 Fully Glazed 120 Minute Fire Rated Door at the start of Fire Test



2 Fully Glazed 120 Minute Fire Rated Door at the end of Fire Test



3 Fire Stop Compound just after 180 Minute Fire Test

SIGNUM Projects



1 High Street Phoenix, Mumbai



2 DLF Emporio, New Delhi



3 Fame Inorbit Malad, Mumbai



1 Ascendas ITPL, Bangalore



2 TCS Siruseri, Chennai



3 DLF Cybercity, Gurgaon



1 Kempegowda Bangalore International Airport



2 Hyderabad Metro Rail Hyderabad



3 ATC Tower Delhi International Airport



SIGNUM Fire Retardant Cable Coating

SIGNUM Projects



1 Brigade World Trade Center, Kochi



2 Aloft, Bengaluru



3 J W Marriott Sahar, Mumbai



1 Manipal University, Manipal



2 AMRI Hospital, Bhubaneswar



3 HSBC Kolkata



1 Manipal Hospital, Bangalore



2 DLF Park Place, Gurgaon



3 Ozone Metrozone, Chennai



1 Veneered and Polished 120 Minute Fire Rated Timber Doors for Guest Room Entrances

SIGNUM at the Radisson Blu Nagpur

SIGNUM Projects



1 Maithon, Jharkhand



2 NTPC Barh, Bihar



3 Koldam Hydro, Himachal



1 NPCIL Kakrapar



2 BHAVINI



3 IGCAR



1 IOCL, Guwahati



2 SAIL Durgapur



3 ITC PSPD Bhadrachalam



SIGNUM at CISCO Bangalore – Cessna Business Park

Please visit our website at <https://www.signum.co.in> for more information
or
write to us at marketing@signum.co.in