



# ASIAN INTERNATIONAL

Ensure Safety & Security



## We provide:

- Central Fire Alarm Detection System
- Stand Pipe Fire Hydrant & Sprinkler System
- Fire Suppression System
- Passive Fire Protection Service & Consultancy
- Risk Assessment For Facade Safety
- Steel Structure Fire Proofing (Cementitious/Intumescent)
- Fire Stopping Product supply & Installation
- Fire Separation System
- Fire Smoke Damper & Fire Rated Rolling Shutter
- Fire Door/Fire Smoke curtain
- Expansion Joint & Cavity Barrier System
- HVAC, Duct Fire Penetration Solution
- Exterior Fire Retardant Aluminum Composite Panel (ACP)
- Industrial Safety Product



[www.asibd.com](http://www.asibd.com)

# ABOUT US

Asian International has been in business since 2015, initially focusing on the Bangladesh market. Our marketing objective is to introduce one stop fire safety solution along with active & passive fire protection. Our aim to improve the life-saving properties of fire safety building materials in buildings and public venues. After studying the market, we identified the need for passive Fire Protection products and fire stopping needs in the construction and materials trade in Bangladesh. We have built marketing relationships to guide the market on the value of these products, helping end users understand their importance in ensuring public safety and building security.

## Vision

- To be the leading provider of innovative fire safety solutions, ensuring the protection of lives and property worldwide.
- To create a safer world by advancing fire prevention technologies and practices.
- To be the most trusted partner in fire safety, delivering unparalleled service and peace of mind to our clients.

## Mission

- To safeguard life and property from the threat of fire through comprehensive safety solutions and exceptional service.
- To provide high-quality fire protection products and services, ensuring compliance with safety standards and regulations.
- To educate and empower communities on fire safety practices, reducing the risk of fire-related incidents.

These statements reflect a commitment to safety, innovation, and community engagement, which are essential for a fire safety company.

## Our Brand Partners:

**BRISTOL**



**BOSCH**

**HOCHIKI**

**Kentec**



**SIDERISE**



**ALUCOPANEL**

**gypsemna**



**metacaulk**

**prime**

**Honeywell**



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# WE PROVIDE BELOW SERVICE AND SOLUTION

## Fire Safety Solutions

- Fire Safety Assessment & Plan (Bangladesh Fire Service standards)
- Fire Detection & Alarm System (Addressable/Conventional)
- Fire Protection System Design, Supply, & Installation
- Passive Fire Protection Consultancy & Services
- Clean Agent (FM200) & Foam Suppression Systems
- Fire Safety Signs & Annual Maintenance Contract

## Electrical Solutions

- Electrical Substation Design, Supply & Installation
- SLD/ELD Lighting Protection System(LPS)
- Electrical Layouts, Earthing, and Load Calculation
- Electrical Installation, Service, & Commissioning
- Testing & Certification (Annual Switchgear Test, Insulation, Earth Resistance, etc.)
- Electrical Installation, Service, & Commissioning

## Security, Lighting, Automation & Renewable

- CCTV, PA Systems, & Access Control
- HVAC & Ducting System Design & Installation
- PABX & Intercom Solutions
- Motors, VFD, PLC, Meters, & Instruments
- Ensuring industrial safety Equipment with our extensive selection of protective gear, including foot protection, hand protection, helmets, fall protection, and evacuation chairs.



## SOME OF OUR CLIENTS

|                             |                    |                     |                                |
|-----------------------------|--------------------|---------------------|--------------------------------|
| Asrotex Group               | Islam Group        | Dhakarea Ltd        | Jay Jay mills Bangladesh Ltd   |
| Noman Group                 | Urmi Group         | United Hospital     | Campvelly Global Ltd           |
| Palamal Group of industries | Pretty Group       | Regency Bangladesh  | Merimo Bangladesh Ltd          |
| Clifton Group               | Shin shin Group    | Pacific Jeans Group | HKD International Ltd.         |
| Chaity Group                | Aba Group          | Four H Group        | Advance Trims Solution BD Ltd. |
| Square Group                | Dips Apparels Ltd. | BSA Group           | JMS Group                      |
| Fortis Group                | Dhakarea Ltd       | Premier 1888 Ltd.   | Epic Group                     |



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# FIRE ALARM DETECTION SYSTEM



## Fire Detection System

The Ready-Made Garment (RMG) sector is one of the largest and most critical industries, particularly in developing countries. Ensuring fire safety in this sector is essential due to the high risks involved in garment manufacturing. Fire alarms play a pivotal role in mitigating risks and protecting lives, property, and the business as a whole.

Factories in the RMG sector typically have high worker density, with hundreds or even thousands of workers in confined spaces. A fire alarm system provides early detection and warning, allowing workers to evacuate safely before the fire spreads. Implementing a robust fire alarm system is not just a regulatory requirement but a moral and practical responsibility to ensure the safety of workers and the sustainability of the RMG sector.

## Our Service:

1. Supply and Installation of Fire Alarm System.
2. Design, Drawing and Approval of Fire Alarm System as per standard of RSC, NIRAPON.
3. Existing Fire Alarm System Project servicing maintenance T&C



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# FIRE PROTECTION SYSTEM



## Fire Protection System

Fire Protection Systems (FPS) are essential in the RMG sector to safeguard workers' lives, protect flammable materials like fabrics and chemicals, and prevent catastrophic losses. They ensure compliance with global standards such as NFPA 14 for Stand pipe system, NFPA 13 for sprinkler systems, and local fire codes, which are often mandatory for legal operation and international trade. These systems provide early detection, suppression, and safe evacuation, minimizing downtime and property damage during a fire. Adherence to FPS standards demonstrates a commitment to safety, enhancing trust from global buyers and reducing insurance liabilities. Overall, robust fire protection is vital for worker safety, regulatory compliance, and the industry's long-term sustainability.

## Our Service:

1. Supply and Installation of Stand pipe system.
2. Supply and Installation of Sprinkler system.
3. Supply and Installation of Fire hydrant system.
4. Design, Drawing and Approval of Fire protection system from RSC, NIRAPON.
5. Servicing of Existing System.
6. Annual Maintenance Contact of Fire protection system.



**BRISTOL**

**NAFFCO**  
PASSION TO PROTECT

**ebitt**  
GROUP OF COMPANIES



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# ELECTRICAL SOLUTION



**Sub-Station System**



**ATS Panel**



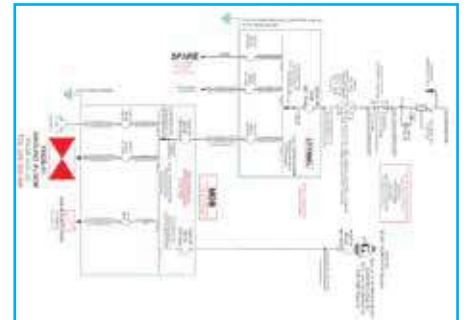
**Electrical Safety Audit**



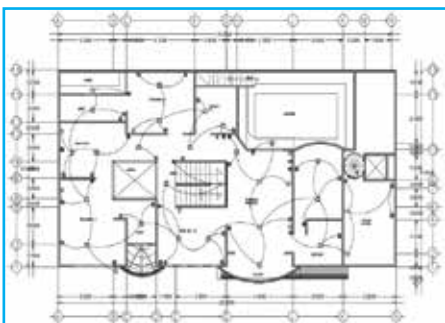
**Distribution Panel**



**Earthing System**



**Electrical Single Line Diagram**



**Electrical Layout Design**



**LPS System**



**Insulation Resistance Test**



**Earth Test**



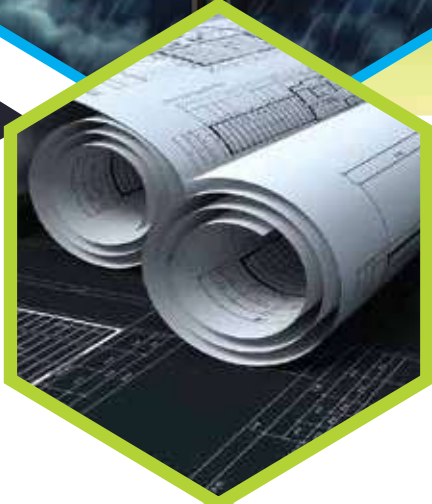
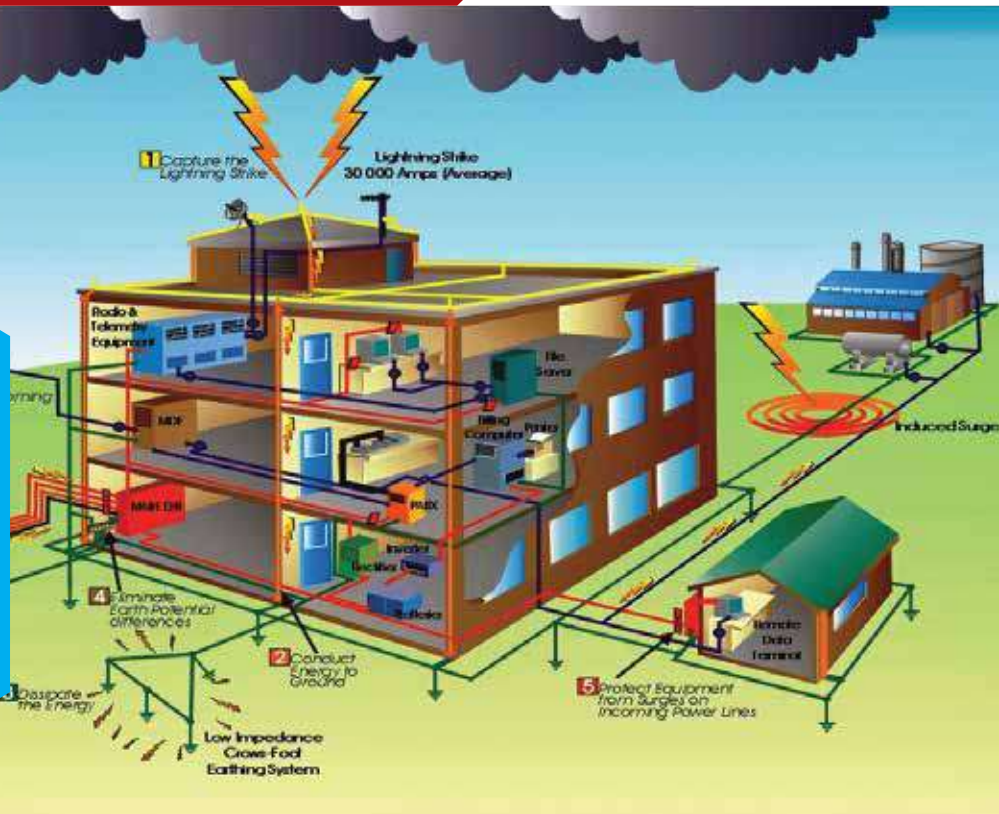
**Thermographic Test**



**Solar system & Solution**



# Lightning Protecting sysstem (LPS)



- ◆ Design, Drawing & Consultancy of lightning protection System (LPS)
- ◆ Supply & Installation of Lightning Protection System (LPS)
- ◆ Supply & Installation Of Emergency Light & Exit Sign
- ◆ Supply, Installation Testing & Commissioning of MDB, SDB, MCB, MCCB ETC.
- ◆ Supply & Installation of Electrical Sub-station.



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# STEEL STRUCTURE FIRE PROOFING

Steel structure fire protection systems are designated to protect the structure from fire for a specified amount of time. Mostly used Passive fire protection system for steel structure building Fire Proofing, which is most economical to others system. Fire Proofing/Intumescent coating can be used RMG industries, Warehouse, Heavy Industries, Power Plant, Tunnel, Hospital & Commercial Complex.

**TYPES:**

- Cementitious Spray Paint
- Intumescent Coating



## TEST STANDARD:

Provides up to 4-hour fire resistance ratings in accordance with AN-SI/UL 263, ASTM E119 and CAN/ULC-S101 ICC ES Approved (ICC ESR 1092) ASTM E736.

## APPLICATION:

- ◆ Steel Structure fire Proofing
- ◆ Roof/Deck slab Fire Protection
- ◆ Steel Column/Beam Fire Protection
- ◆ Roof Ceiling/wall Fire protection



*Cementitious Spray Paint*



*Intumescent Coating*



# HIGH RISE BUILDINGS FACADE & CLADING SAFETY



A lot of high rise building have a facade made of curtain wall. Generally made of glass with a low fire resistance without an additional fire barrier on the side part of the slab. The fire would quickly spread to the next floor and so on. Its also crucial to keep the smoke from going one floor to the next between the slab and the curtain wall.

We offer wide range of passive fire protection to control the spread of fire through the building envelope.

Siderise CW-FS perimeter barrier and fire stop systems offer an extensive range of solutions for fire stop, acoustic barrier requirements in all curtain /facade wall application.

Fire Performance (tested for 120 min to 180 min, test standard EN1364-4)



**CW-FS Barrier system**

## Curtain Wall & Floor Slab Joint Sealing

### Fire Sealing Curtain wall joint (Glass facade with slab)

On installing, Curtain Wall joint seal, it act as a fire barrier, retarding the progress of fire, smoke and heat between floors of multi storey buildings. The product is designed to be installed between the edge of the concrete floor slab and a fire rated spandrel panel to provide floor to floor fire separation.

#### Application :

- Sealing Building Perimeter Gaps Between Floor Slabs & Exterior Curtain Wall facades.



## EXTERIOR FIRE RETARDANT ALUMINIUM COMPOSITE PANEL(ACP)

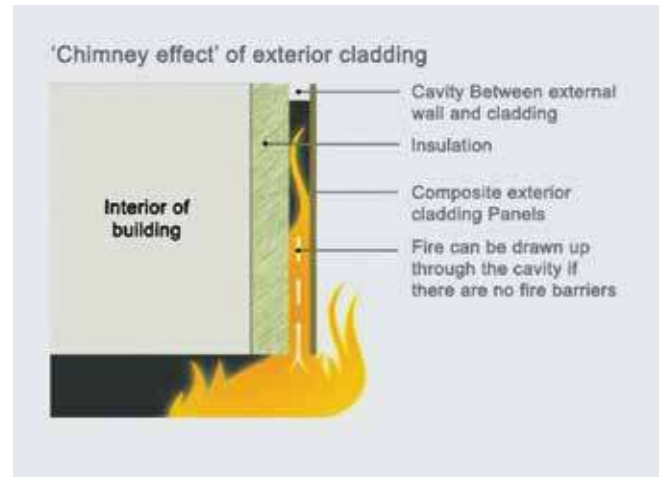
Fire retardant aluminium composite panels or FR ACP, are installed in building safety. These panels feature a core that combines mineral content with inorganic materials, creating a robust fire retardant barrier. Alucopanel Middle East offers NFPA-285 test standard (EUROCLASS-A1 & A2) fire-retardant aluminium composite panels for exterior wall application.

### ALUCOPANEL-A2 ACP

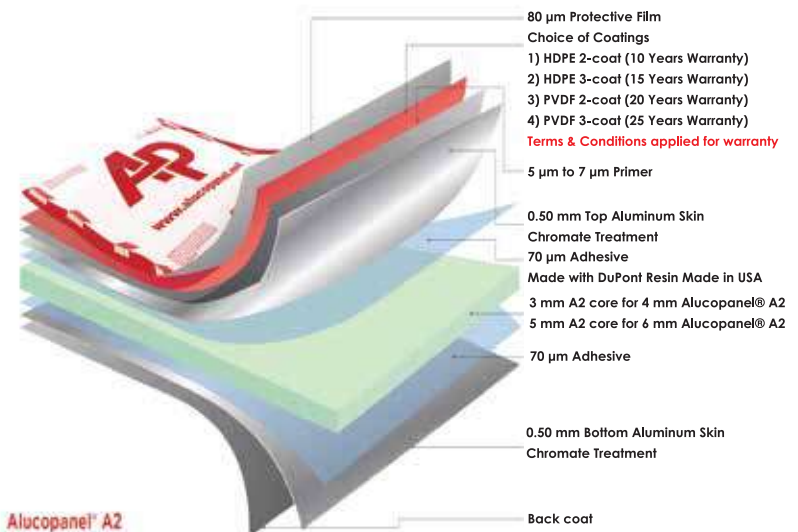
Thickness: 4mm, 6mm  
EUROCLASS A2, s1-d0

#### Application:

Exterior wall, Interior Ceiling System,  
Commercial building shop, Hospital, kitchen



#### PRODUCT COMPOSITION



**AP ALUCOPANEL®**



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## FIRE SMOKE CURTAIN : (ELEVATOR/LIFT) & SHUTTER

The Smoke Fire Curtain seals off the opening preventing smoke from spreading via the elevator shaft.

### STANDARD:

This elevator Fire Smoke curtain is fire rated and carries UL 10D for up to 3 hours and UL 1784 for smoke and draft.

- ◆ **BS EN 1634-3:2014 (Smoke Control Test)**
- ◆ **Fabric Tested to BS 476 Pt 6 & Pt 7. Class 0**
- ◆ **BS 5234-2:1992 Method of Test as set out within**



### APPLICATION:

- ◆ Elevator/Lift Lobby Smoke & Fire Separation
- ◆ Stairway Separation
- ◆ Atrium Separation
- ◆ Large Warehouse Entry Fire Separation



Fire smoke curtain



Fire smoke curtain



Fire Rated Shutter



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# METACaulk FIRE STOP SEALANT



## Features :

Rated for up to 4 hours in accordance with ASTM E1966/UL 2079 (Test for Fire Resistance of Building Joint Systems) standards Cycle 500 times, meeting new ASTM E 1399 standard. Tested in accordance with ASTM E 814 (UL1479) for systems up to 3 hours.

## Applications:

- Cable Tray/Busway
- Large opening penetration
- PVC/Metal pipe
- Construction Expansion joint



Metacaulk® 150+



Metacaulk® Composite Sheet



Metacaulk® 1000

## POWER CABLE COATING

### Metacaulk C70 Industrial Cable Coating

Metacaulk C70 Industrial Cable Coating is a water-based, ready to use, heavy duty spray coating which is Factory Mutual (FM) approved. This product is ablative and is designed to prevent vertical or horizontal propagation of fire along grouped or single communication or power cables.

## Applications:

- Power Plant
- Oil & Gas Field
- LNG Terminal
- Hospital
- High Voltage Cable
- Data Center



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# RECTORSEAL FIRESTOP COLLAR



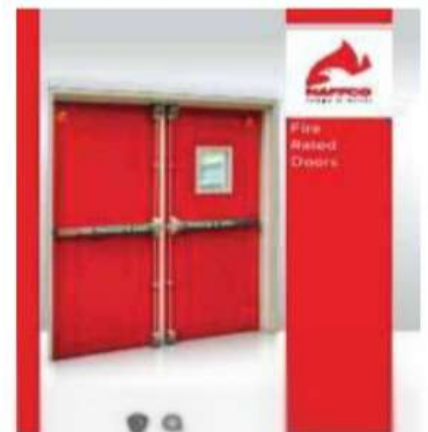
## Metacaulk® Intumescent Collars

### Features :

- 3 Layers Intumescent Wrap Strip
- Fire Rating Up to 3 Hour
- 25% Reduction of installation time
- PVC/ SDR-41 Upvc Pipe Fire Penetration

**metacaulk®**

## UL LISTED FIRE DOOR ACCESSORIES



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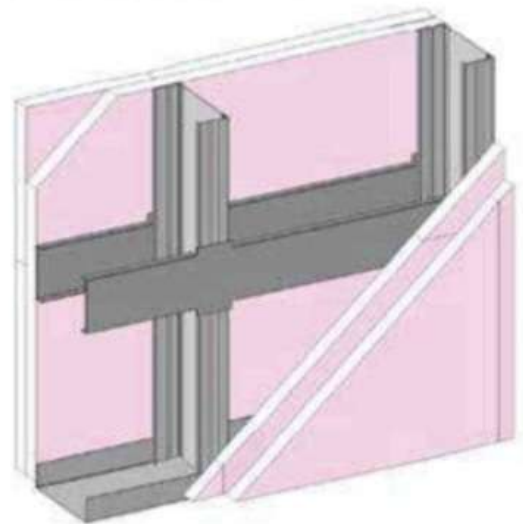
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# GYPSUM FIRE SEPERATION SYSTEM

solutions are non load bearing, light weight, easy to install, yet robust –comprising of plasterboard screw fixed on either side to UC metal structures (Tracks and Studs), with joints taped and filled to get even smooth and homogeneous surface.

## Low weight in comparison to masonry walls of comparable thickness

- ◆ *Enhances saving in structural design*
- ◆ *PVC Pipe penetration*
- ◆ *Suitable for high rise buildings*
- ◆ *Industrial Warehouse*
- ◆ *Substation,Boiler Room Separation*
- ◆ *Fire Rating Up to 4 hours*



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## INCA FIRE STOP SEALANT

### Inca inss 1440 Key Features and Benefits

INSS1440 offers a fire rating of up to 3 hours.

This means that in the event of a fire, the caulk can effectively prevent the spread of flames and smoke through sealed gaps for this duration, providing critical time for evacuation and fire response.

#### Applications :

INSS1440 is versatile and can be used in various applications, including:

- Electrical Penetrations: Sealing gaps around cables and conduits to prevent fire spread.
- Mechanical Penetrations: Ideal for sealing around pipes and ductwork.
- Wall and Floor Joints: Ensuring fire stopping in expansion joints and other structural gaps.



## INCA FIRE STOP SEALANT FOR JOINT SYSTEM

### INCA INSS 1186

Industry leading Firestop Technology, INSS1186 Elastomeric FireCaulk is a water based acrylic elastomeric resin mater that offers excellent flexibility even after full curing. INSS1186 is tested in accordance with UL 2079 and ULC S-115 for use dynamic construction joints system, such as Head of Wall. Wall to Wall, Floor to Wall and Floor to Floor joints.

#### Features:

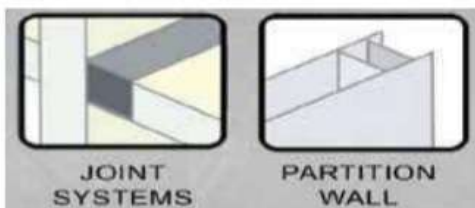
pH value: 3-7

Dry to Touch: 30 minutes

Curing Time: 3-7 DAYS

Performance: 50+ years HOAC tested

#### Application:



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# FIRE SMOKE DEMPER & SUPPRESSION SYSTEM



**Fire Smoke Damper**

## Features

U.L rated for static/dynamic closure & leakage CLASS I @350of for use in a 2 hour walls or floors in the HVAC systems with velocities to 2000 FPM and pressure to 4" W.G. Meets NFPA 90A & UL555 & UL555S.

## Application

- ◆ HVAC Duct System
- ◆ Fire Pump Room Ventilation System



**Fire Suppresion System**



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# DIGITAL SECURITY SURVEILLANCE SYSTEM



- ◆ Supply & Installation of HD CCTV
- ◆ Supply & Installation of IP CCTV
- ◆ General & Schedule Maintenance
- ◆ Contract for CCTV



## PAVA SYSTEM, PABX SYSTEM, ACCESS CONTROL

- ◆ PABX
- ◆ PA SYSTEM
- ◆ ACCESS CONTROL SYSTEM



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# INDUSTRIAL FIRE SAFETY PRODUCT



## FOOT PROTECTION:

- > SINGLE DENSITY PU SOLE
- > WIDE STEEL TOE WITH 200 JOULES
- > STEEL MID SOLE PLATE
- > 1.8 MM THICKNES BREATHABLE LEATHER
- > ODOR FREE SPACER LINING
- > CUSIONISED INSOLE FOR MORE COMFORT
- > PRODUCT STANDARD CE EN 345
- > COLOR: BLACK
- > DESIGN: HIGH ANKLE & LOW ANKLE > SIZE: 39-46
- > 6 MONTHS WARRANTY AGAINST MANUFACTURING DEFECTS

## HAND PROTECTION:

- > MATERIAL: NATURAL RUBBER
- > LINER: UNLINED | GRIP: SMOOTH | CUFF: STRAIGHT
- > LENGTH /MM: 360 MM (+/-15) / ASTM D120 - 11, 14 IN (+/- 0.5)
- > THICKNESS\* (MM) / WEIGHT (G): EN 60903
- > 1.10 MM (MAX)/ASTM D120 - 0.75 MM (MAX)
- > PRODUCT STANDARD: EN 60903-2003
- > COLOURS: RED
- 500V
- > VOLT: CLASS OO 500V
- CLASS O - 1000V
- CLASS 1-7500V
- CLASS 2-17500V
- CLASS 3- 26500V
- CLASS 4 - 3600V



## PROTECTION HELMET:

- > 6 POINTS PIN LOCK TEXTILE SUSPENSION
- > FOAM SWEAT BAND, SHORT BRIM
- > COMFORTABLE, TUFF AND LIGHT WEIGHT.
- > SIZE: 51 CM 62 CM
- > MATERIAL: HIGH DENSITY POLYETHYLENE
- > PRODUCT STANDARD CE EN 397
- > COLORS: BLUE, WHITE, YELLOW.



## FALL PROTECTION:

- > FULL-BODY HARNESS TO BE USED WITH VERTICAL ANCHORAGE SYSTEM AND CONSTRUCTION INDUSTRIES.
- > FULLY ADJUSTABLE SHOULDER AND THIGH STRAPS
- > SINGLE DORSAL ATTACHMENT D-RING TWO CHEST ATTACHMENT D-RINGS IDEALLY POSITIONED SIT STRAP FOR EXTENDED COMFORT.
- > TWIN WEBBING LANYARD: RED COLOR WITH SHOCK ABSORBER, ONE-SIDE EASY 308 KARABINER & TWO ZINC PLATED SCAFFOLDINGS WITH EASY SH 60 HOOK.
- > PRODUCT STANDARD: HARNESS: EN 361
- LANYARD: EN-354, EN355, EN362



# INDUSTRIAL FIRE SAFETY PRODUCT

## Emergency Evacuation Chair:



- > Double handed grip
- > Contoured headrest & integrated safety strap
- > Redesigned hammock
- > Sewn-in safety belt
- > Simplified graphical instructions & user guide
- > Anti-slip grip

- > Detector detects Multi-Spectral Sensitivity of fire by using UV & IR sensors
- > High sensitivity combined with fast response time to ensure rapid & accurate flame detection.
- > Triple Spectrum Design- For long distance detection & Excellent false alarm immunity
- > User programmable via Bluetooth, HART or RS-485.

## Flame Detector:



## Multi Gas Detector:



- > MAINTENANCE FREE GAS DETECTORS UP TO 2 YEARS
- > SIZE: 1.6 X 2.0 X 3.4 IN./ 4.1 X 5.0 X 8.7 CM
- > HUMIDITY: 5%-95% RH (NONCONDENSING)
- > ALARM: VISUAL, VIBRATING, AUDIBLE (95 DB) LOW, HIGH
- > TESTS: ACTIVATED DETECTORS
- AUTOMATICALLY PERFORM ONE INTERNAL DIAGNOSTIC TEST EVERY 24 HOURS
- > BATTERY LIFE: TWO YEARS (H2S, CO, O2 OR SO2) OR THREE YEARS (H2S OR CO) DEPENDING ON THE VERSION
- > EVENT LOGGING: 35 MOST RECENT EVENTS
- > INGRESS PROTECTION: IP 66/67





## ASIAN INTERNATIONAL

Ensure Safety & Security

### Contact Us



#### Corporate office:

H#16, R#14, Nikunja-02, Khilkhet, Dhaka, Bangladesh



#### Chattogram office:

R.F Quayum Heights, Zakir Hossain Road, Khulshi, Chattogram.



+8801732456498, 01755572871



akbarpbe14.bd@gmail.com, info@asibd.com



Website



E-Catalogue



Linkedin



Youtube