3B 4-HOUR FIREWALL
UNRIVALED FIRE PROTECTION FOR CRITICAL INFRASTRUCTURE

The **3B 4-Hour Firewall** is a state-of-the-art fire-resistant solution, specifically engineered to protect critical environments from fire hazards. Designed for high-risk sectors such as **industrial facilities, government buildings, data centers, military installations,** and **utility infrastructure,** this advanced firewall system provides **up to 4 hours of certified fire protection**. With its robust construction and extended fire resistance, the 3B 4-Hour Firewall ensures that critical facilities remain secure, operational, and protected during even the most severe fire emergencies.

KEY FEATURES:

- **4-HOUR FIRE RESISTANCE:** The **3B 4-Hour Firewall** is certified to provide **up to 4 hours of fire protection**, meeting the highest safety standards to prevent the spread of fire while maintaining the structural integrity of key areas. This extended fire resistance is critical for ensuring that **power plants, substations, data centers,** and **other essential infrastructure** remain safe and intact, allowing sufficient time for emergency response teams to mitigate damage and protect valuable assets.

- **HIGH-STRENGTH DESIGN:** Constructed from **high-strength composite materials**, the 3B 4-Hour Firewall is built for **long-term durability** and **reliability**, even in extreme conditions. The firewall is engineered to retain its fire-resistant properties when subjected to intense heat and pressure, providing a solid and dependable defense in environments where fire risks are significant.

- **FORCED ENTRY RESISTANCE:** In addition to its unparalleled fire protection, the **3B 4-Hour Firewall** offers **forced entry** resistance, adding an extra layer of security for high-risk environments. Whether protecting government facilities, industrial plants, or military installations, this dual functionality ensures that sensitive areas remain safeguarded from unauthorized access during emergency situations.

APPLICATIONS:

- **POWER GENERATION FACILITIES:** The **3B 4-Hour Firewall** is ideal for **power plants** and **substations**, providing crucial protection from fire hazards in environments where operational continuity is essential. By preventing the spread of fire, this firewall helps ensure that power generation facilities remain functional, protecting equipment and personnel from fire-related risks.

- **SUBSTATIONS AND UTILITY INFRASTRUCTURE:** Utility infrastructure often includes **electrical systems** and **transformers** that are vulnerable to fire hazards. The 3B 4-Hour Firewall provides extended fire protection, reinforcing critical utility systems and minimizing the risk of fire-related disruptions. This firewall is particularly suited for installation **between transformers** to prevent the spread of fire and safeguard utility operations.

- **GOVERNMENT BUILDINGS:** For sensitive government offices, embassies, and other critical facilities, fire protection is crucial. The **3B 4-Hour Firewall** offers a robust barrier that contains and controls fire outbreaks, ensuring that essential government operations continue without significant downtime or damage.

- **DATA CENTERS:** Data centers rely on continuous operation to manage and store critical information. The **3B 4-Hour Firewall** protects data infrastructure from fire hazards, ensuring that servers, storage systems, and processing equipment remain secure and operational. The firewall's extended fire resistance prevents the spread of fire within the facility, protecting both the data and hardware that are essential for business continuity.

- **MILITARY INSTALLATIONS:** Military bases and storage facilities house sensitive equipment and personnel that require robust fire protection. The **3B 4-Hour Firewall** provides the durability and fire resistance needed to safeguard military operations, ensuring that critical installations remain protected even in the most challenging conditions.
- **INDUSTRIAL FACILITIES:** Fire hazards in **industrial environments,** such as **LNG plants, chemical processing facilities,** and **factories,** can lead to devastating consequences. The **3B 4-Hour Firewall** offers tailored fire protection for these high-risk areas, safeguarding equipment and personnel from fire damage and preventing fire outbreaks from escalating.

PERFORMANCE STANDARDS:

- **FIRE RESISTANCE:** Certified for **up to 4 hours** of fire protection, ensuring containment of fire and maintaining structural integrity during emergencies.
- **FORCED ENTRY RESISTANCE:** Built to resist unauthorized access during emergency situations, adding an additional layer of protection to high-risk facilities.

TECHNICAL SPECIFICATIONS:

- **MATERIALS:** Constructed from **high-strength composite materials** for long-term durability and superior fire protection.
- **FIRE RESISTANCE: 4-hour** certified fire protection.
- **CUSTOMIZABLE THICKNESS:** Available in various thicknesses to meet specific project needs and fire safety requirements.
- **INSTALLATION:** Suitable for both **new constructions** and **retrofit projects**, offering flexible installation options tailored to your facility.

WHY CHOOSE THE 3B 4-HOUR FIREWALL?

- **EXTENDED FIRE PROTECTION:** With up to **4 hours of certified fire resistance,** the **3B 4-Hour Firewall** offers unmatched protection for critical infrastructure, ensuring that key areas remain safe and secure during fire emergencies.
- **DURABILITY AND LONGEVITY:** The firewall is constructed from high-quality, durable materials designed to withstand extreme heat and maintain its fire-resistant properties for extended periods, offering long-term security in high-risk environments.
- **COMPREHENSIVE SECURITY:** The **3B 4-Hour Firewall** provides more than just fire protection. With its **forced entry resistance,** this firewall offers comprehensive security for sensitive and high-risk facilities, ensuring that both fire hazards and unauthorized access attempts are mitigated.
- **CUSTOMIZABLE SOLUTIONS:** Tailored to meet the specific requirements of your facility, the **3B 4-Hour Firewall** can be customized in terms of size, thickness, and configuration, making it an ideal fit for any high-risk environment.