



FIRE BARRIER SYSTEM DFFB-K704 TDS

A Unique system composed of High Density Rigid Stone wool Slabs coated with Fire Retardant Coatings for creating a barrier to prevent the propagation of fire, smoke and heat with a capacity to withstand high temperatures.

- Single Component non – combustible system.
- Designed for > 2 hours fire rating
- Segregates / compartmentalizes fire and non – fire zones.
- Compatible with all types of cable jacketing material.
- No effect due to vibration, impact and radiation.
- Retrofitting very easy without special tools.
- Conforms to Indian and International standards.
- Maintenance free.
- Asbestos free.
- Expected life > **20 Years.**

Fire stops in cable penetrations: For wall openings, under control panel and floor openings.

- Fire Rating: > 2 hours
- Temperature Withstand: $\pm 1350^{\circ} F$
- Fire Classification: A1
- Standards: UL723 / EN 13501
- Water: Resistant / Repellent
- Thickness: 104 mm
- System Details: Halogen free, Reduced smoke properties,
- Chemical & weather resistant system,
- Asbestos Free

Resistant to moisture, chemicals and corrosive gases and oil spillage. Does not shrink and crack in normal condition. Due to retrofit design can be drilled into, cut into after installation allowing inserting cables and re-sealing the small gaps using Fire Seal Putty KF 702

Comprises of high density mineral wool non-combustible boards, coated with carbon based ablative type fire retardant coatings, and Fire sealing Putty KF 702

Support/Shuttering:- GI strips & fasteners if necessary

Other Details:- Retrofit design, pass new cables through existing barriers & re-install.

The system transforms and acts like a stiff ceramic surface during a fire to prevent the passage of fire and smoke and acts as a thermal insulation as-well. The system is highly Fire retardant, and Non – Chlorinated.



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PREVENTION | PROTECTION | SAFETY



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Easy Installation:-

1. Identify the area of application and support system.
2. This system can be applied in multiple ways. Under control panels, wall openings, and floor openings.
3. For a floor opening, with enough flat surface around the opening which can act as a support system, measure the opening area to be covered along with 5 to 6 inches of extra space around the opening.
4. Using a file or a blade, cut piece of Board as close as possible to the available shape of cables/tray and place on one side of the cables. Place the second half on the opposite side keeping the cables/tray in the center. If necessary, place extra pieces on either side.
5. Use the fire sealing putty to fill the small gaps between the cables and the board. Add extra material if bunch cables have gap in between them to completely seal the system.
6. Apply a final layers fire retardant coating on the entire system and allow it to dry.
7. Complete Curing time: 72 Hours.

