

PASSIVE FIRE IS A SCIENCE OF MANY TECHNOLOGIES. STANVAC MASTERS THEM ALL.

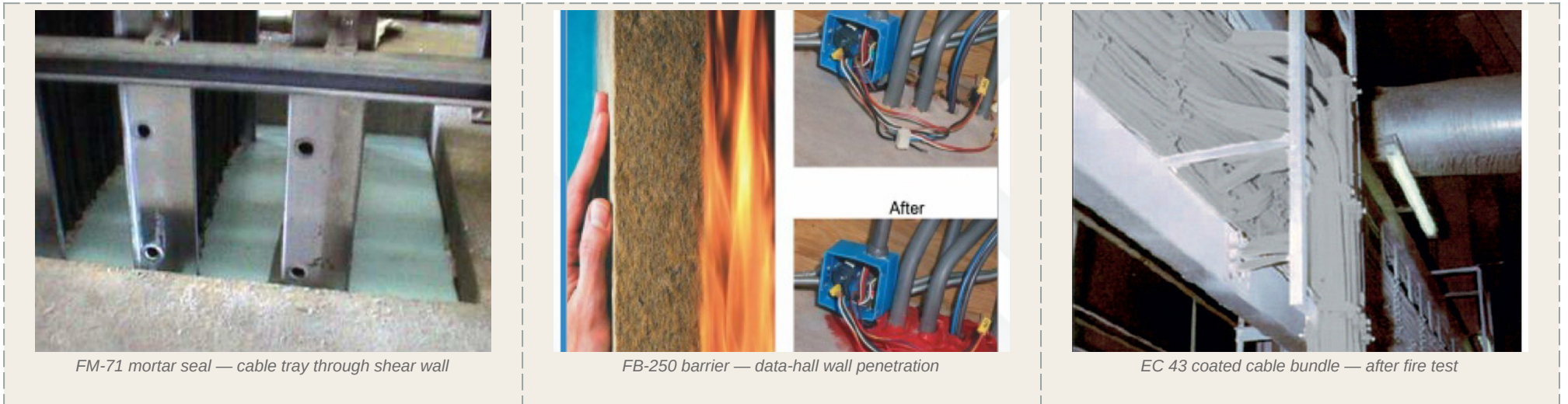
31 years of industrial chemistry · one Gurugram plant · 41 industries served · trusted by Reliance, Adani, Tata Steel, SAIL and UltraTech.

1 THE MASTERY — EVERY DISCIPLINE OF PASSIVE FIRE, UNDER ONE ROOF

- **Cementitious firestop mortar. Ablative barrier systems. Intumescent circuit-integrity coatings. Fire-retardant panel finishes.** Four distinct chemistries — each among the world's best-proven passive fire technologies — formulated and manufactured by **one company**.
- Each is tested to the international method that governs it — **ASTM E814**-family furnace tests for seals, **IEC 60331 / 60332** for cables.
- Most brands sell one of these technologies. Stanvac practises **all of them** — which is why a Stanvac specification has **no gaps**.

2 THE MANDATE — FIRESTOP IS LAW, NOT CHOICE

- **NBC 2016 Part IV** requires every service penetration through fire-rated construction to be sealed to the rating of that element.
- The reason is physics: an unsealed opening turns a fire-rated wall into a **chimney** — fire and smoke travel the building through its cable routes.
- India loses **one life to electrical fire every 26 minutes**. When the inquiry comes, one question is asked: **who specified the seal, and was it tested?**


3 THE RANGE — EVERY OPENING ON YOUR DRAWING, ONE TESTED SYSTEM

The opening on your drawing	The system	Seal · rating	What you get
Load-bearing floor & wall openings	FM-71 firestop mortar	75 mm · 2 hours	The workhorse seal — strong, tested, economical
Cable routes opened again and again	FM-71 + FB-250 composite	100 mm · 2 hours	Re-enter for new cables without breaking the rating
Occupied buildings · data halls · retrofit	FB-250 barrier system	100 mm · 2 hours	Fast, clean, dry — no wet work near live equipment
The cables passing through the seal	FIREX EC 43 — flame-spread coat	beyond NBC · IEC 60332	One foot of coating on every penetration — included at no extra cost : fire cannot travel the cables through your seal
Critical circuits that must survive a fire	FIREX EC 43 Survival — full length	beyond NBC · 240 min · IEC 60331	Optional upgrade — fire-pump, alarm and trip circuits stay alive 240 minutes at 750 °C
Thin panel wiring — the first fuel in every panel	FIREX EC 7034 first-coat	beyond NBC	The kindling coated before it can catch — protection past what the code asks

4 WHY STANVAC — FOUR REASONS, EACH SUFFICIENT ON ITS OWN

- **Price without compromise.** A certified **2-hour system below the imported price** — compliance survives every budget review.
- **Certification that approves itself.** The fire officer reads a **CBRI report on sight** — no equivalence letters, no clarifications, **no lost weeks before occupancy**.
- **One accountable partner.** Survey, specification paragraph, system drawings, method statements, trained applicators — the detail you draw is the detail installed, and **one name answers for it**.
- **More than the mandate.** Fire crosses a penetration by **two routes** — **through the opening**, and **along the cable**. An imported mortar closes only the first. Stanvac closes both: **2 hours at the wall** (FM-71 / FB-250), and **zero flame spread along the cable** — FIREX EC 43's spread-stop is tested to **4 hours (240 min)**, and every penetration gets a one-foot coat **included at no extra cost** (IEC 60332). Both paths closed. **No barrier-only brand closes the second.**

5 CBRI — WORLD-CLASS TESTING, AS RELIABLE AS UL OR FM

- **One method governs firestop testing on every continent: ASTM E814. UL 1479** is its American edition. **FM's** approval testing follows the same methodology. **CBRI** tests to the same method.

Same furnace. Same time-temperature curve. Same F and T criteria. Same hose-stream test. Different letterhead.

- **CBRI is CSIR** — the Government of India's **national building-fire laboratory**, decades of national fire science behind every report.
- **NBC 2016** asks for tested fire resistance. **It names no foreign certifier.**
- **The method is universal. The laboratory is national. The certificate is world class** — and it is the one your NOC desk reads **without translation**.

