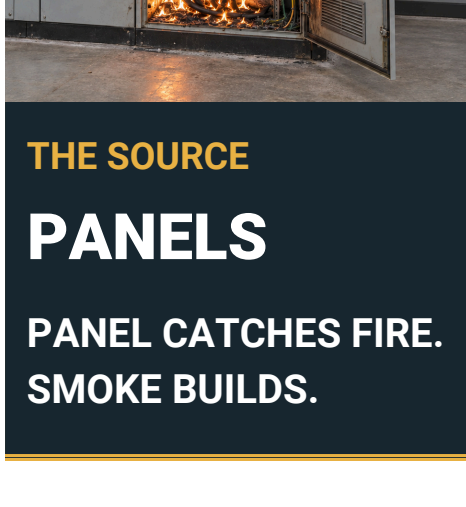
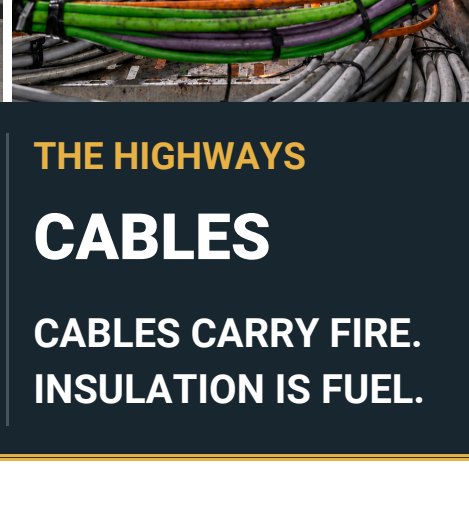
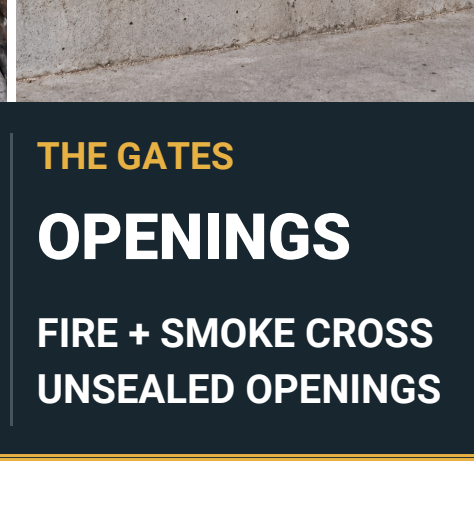


FIRE DOES NOT STAY IN THE PANEL.

Fire can start in **panels**,
travel along **cable highways** and enter
other areas through **unsealed openings**.

THE SOURCE
PANELS
PANEL CATCHES FIRE.
SMOKE BUILDS.

THE HIGHWAYS
CABLES
CABLES CARRY FIRE.
INSULATION IS FUEL.

THE GATES
OPENINGS
FIRE + SMOKE CROSS
UNSEALED OPENINGS

HOURS OF FIRE. **MONTHS OF DISRUPTION.**

Smoke threatens lives.
Failed circuits stop critical systems.

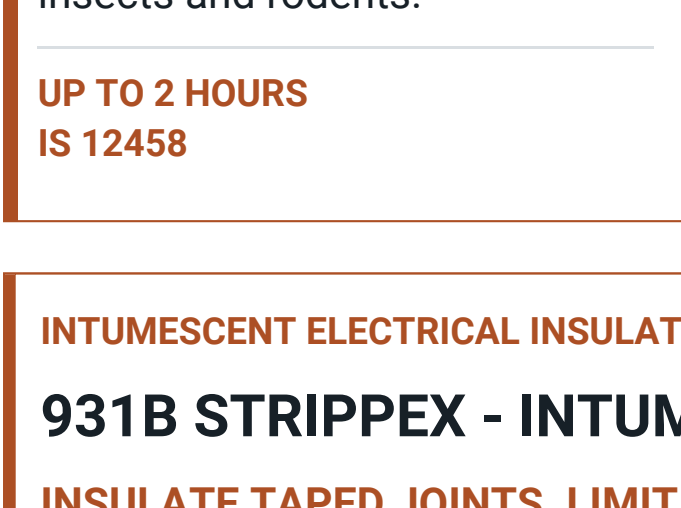
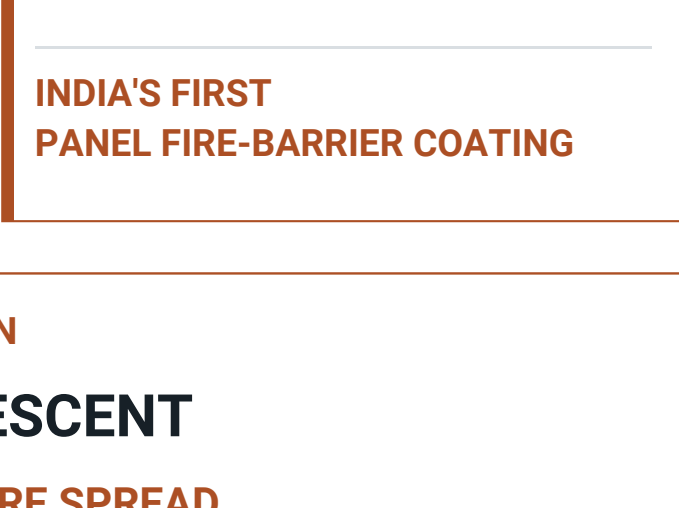
THE SOURCE

01

PANELS

Contain fire at the source. Protect panel components.

PANEL PRODUCTS / FBS 73 + DC 52 + 931B

**GAPS SEALED AROUND
CABLE ENTRIES**
FIRE-SEALANT PUTTY
FIREX FBS 73
**SEAL PANEL GAPS.
BLOCK FIRE + SMOKE.**
Flexible, reopenable putty for
panel gaps and cable entries.
Helps block fire and smoke;
keeps out dust, moisture,
insects and rodents.
**UP TO 2 HOURS
IS 12458**

**UNPROTECTED
PANEL FIRE**
INTUMESCENT PANEL COATING
FIREX DC 52
**STOP PANEL PAINT
FEEDING FIRE.**
Forms an intumescent barrier
to limit fire growth and shield
components from heat.
**INDIA'S FIRST
PANEL FIRE-BARRIER COATING**

INTUMESCENT ELECTRICAL INSULATION
931B STRIPPEX - INTUMESCENT
INSULATE TAPED JOINTS. LIMIT FIRE SPREAD.



REPAIRED & COATED JOINTS
**UP TO 11 kV
INSULATION**
Base + top coat combo. For HT: use with 955 SL tape.

Taped connections, cable joints,
busbar and lug joints.
Taped joints and cracked cable
joints can cause breakdowns and
fires. 931B protects repaired
joints with insulation, dust and
water repellency, and fire-spread
resistance.
**120-MINUTE FLAME-SPREAD TEST
IEC 60332 / CSIR-CBRI**

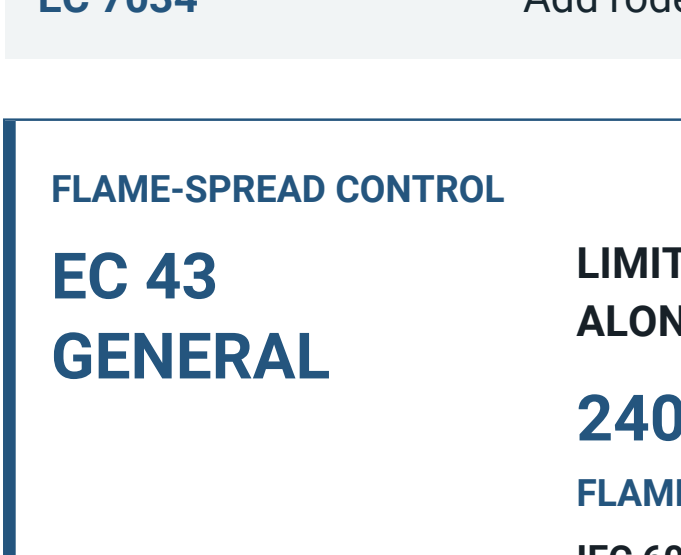
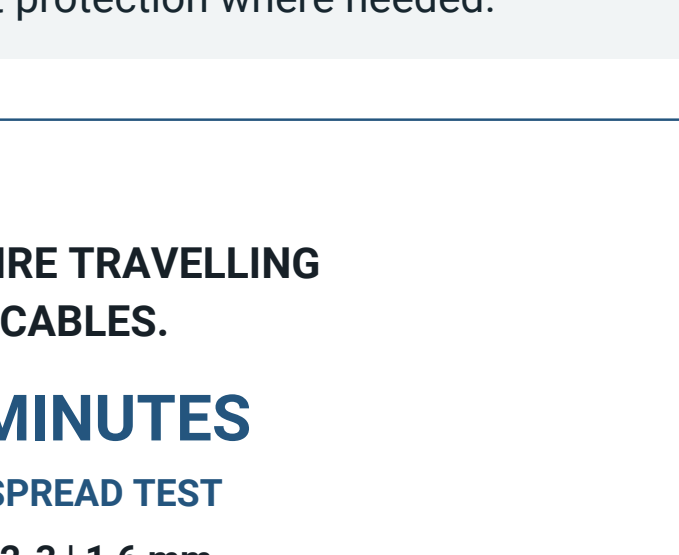
MCCs · DBs · Panels · Junction boxes · Machine cabinets
Seal specified gaps. Retain required ventilation and electrical clearances.

THE HIGHWAYS

02

CABLES

Limit flame spread. Keep critical circuits working.

FIRE-DAMAGED CABLES
**COSTLY REPLACEMENT.
COSTLIER SHUTDOWN.**
INSULATION FAILS. CONDUCTORS SHORT. CIRCUITS FAIL.

COAT EXISTING CABLES
Add protection along the cable
route.

CHOOSE THE CABLE PROTECTION

EC 43 GENERAL	Limit flame spread along cables.
EC 43 SURVIVAL	Keep critical circuits working in fire.
EC 7034	Add rodent protection where needed.

FLAME-SPREAD CONTROL
EC 43 GENERAL
**LIMIT FIRE TRAVELLING
ALONG CABLES.**
240 MINUTES
FLAME-SPREAD TEST
IEC 60332-3 | 1.6 mm
For cable trays and existing cable routes.
At firestops: EC 43 cable coating through the seal, 1 ft included.

CIRCUIT SURVIVAL
EC 43 SURVIVAL
KEEP CRITICAL CIRCUITS WORKING IN FIRE.
Pumps · Alarms · Ventilation · Escape-route lighting
6 MINUTES DEAD. 240 MINUTES ALIVE.
Tested XLPE cable: 4-core, 70 sq mm

STANDARD XLPE 6 MINUTES CIRCUIT DEAD IEC 60331-21 750°C / 240 minutes + 15 minutes cooling	FR-LS XLPE 7 MINUTES CIRCUIT DEAD IS 17505-1 950°C / 180 minutes	+ EC 43 SURVIVAL 240 MINUTES CIRCUIT ALIVE
---	---	---

NO REDUCTION IN CABLE CAPACITY
Flame-spread control is not circuit survival.
FM 3971: flame-spread coatings. IEC 60331-21: circuit survival.
EC 43 Survival build: 1.6 mm. Results apply to the tested cable and coating system; request the matching report.

RODENT + FLAME-SPREAD PROTECTION
FIREX EC 7034
**TRANSLUCENT.
FLEXIBLE.**
19 BITES TO ZERO
30-day rodent test
RDSO/SPN/204
120-MINUTE FLAME TEST
IEC 60332-3-22, Category A
0.5 mm topcoat over compatible EC 43 General / Survival.
The 120-minute rating is for the tested 1.5 mm direct-to-cable build; it does not automatically apply to a combined coating system.

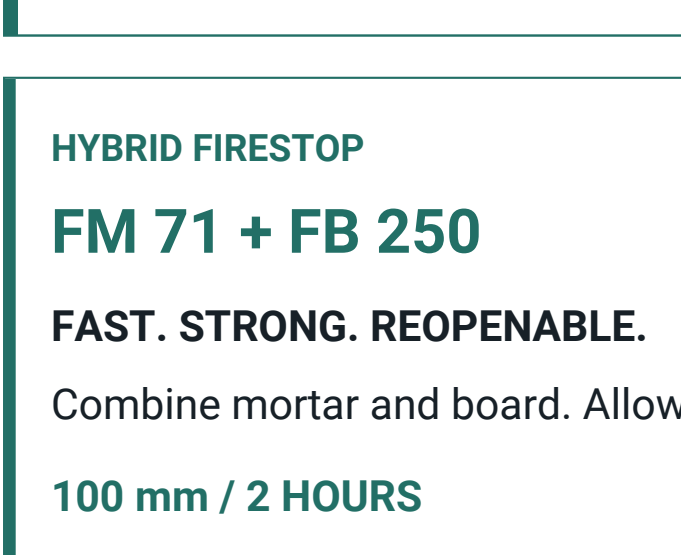
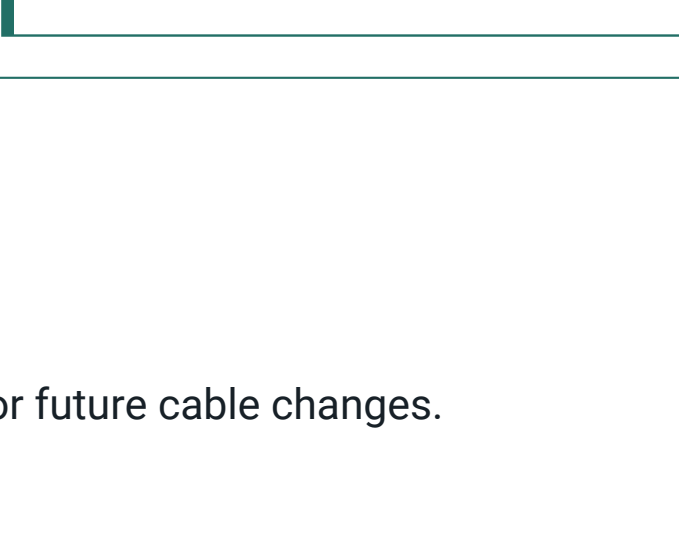
THE GATES

03

OPENINGS

Limit fire and smoke. Protect the next area.

OPENING SYSTEMS / FM 71 + FB 250 + HYBRID

**SEAL WALLS + FLOORS.
BLOCK FIRE + SMOKE.**
FIRESTOP MORTAR
FIREX FM 71
STRONG. LIGHT. ECONOMICAL.
Seal wall and floor openings.
Load-bearing firestop seals.
75 mm / 2 HOURS

**SEAL FAST.
REOPEN WHEN NEEDED.**
DRY FIRESTOP
FIREX FB 250
NO WET WORK.
For running plants, data halls
and repairs. Reopen for cable
changes.
100 mm / 2 HOURS

HYBRID FIRESTOP
FM 71 + FB 250
FAST. STRONG. REOPENABLE.
Combine mortar and board. Allow for future cable changes.
100 mm / 2 HOURS

Fire ratings apply to the tested opening, services, seal depth and installation detail.

MAP THE FIRE ROUTE BEFORE THE FIRE DOES.

PANELS **CABLES** **OPENINGS**

ONE SYSTEM. ONE SOURCE. ONE ACCOUNTABLE PARTNER.

START WITH ONE PRIORITY AREA.

Which panel, cable route or opening should we protect first?

Confirm the location, quantity and target completion date.

Get the recommended system, matching test reports
and quotation.

REQUEST A FIRE-ROUTE SURVEY

+91 85271 99811

sales@stanvac.com

TESTED SYSTEMS

CSIR-CBRI Roorkee · IS 12458 · IS 17505-1 · IEC 60331-21
IEC 60332-3 · IEC 60332-3-22 Category A · RDSO/SPN/204

LEGAL EXPOSURE: FIRE DEATH CAN LEAD TO CRIMINAL ACTION.

STANVAC CHEMICALS (INDIA) LTD

Plot 551, Pace City-II, Sector 37, Gurugram, Haryana 122001

Keeping People Safe. Keeping Plants Running.

stanvac.com