

FIRESTOP.

THE STANVAC STANDARD

Seal the opening. Protect the cables.



Sealed opening. Coated cables. Installation illustration.

A fire-rated wall still needs a tested seal.

Fire and smoke cross unsealed openings.
Flames can also spread along the cables.

01 Specify the Indian standard.

NBCS 2026 / PART F / THROUGH-PENETRATION FIRESTOPS

1. NBCS SPECIFIES ONLY

IS 12458:2019

2. IS 12458:2019 requires BOTH tests:

FIRE TEST + HOSE-STREAM TEST

3. FM / UL alone is not sufficient.

FM / UL certification or ASTM reports alone do not establish
IS compliance or Indian authority approval.

4. A 2-hour wall needs a 2-hour seal.

Seal gaps around cables and pipes with a tested firestop.
The seal must match the fire rating of the wall or floor.

Part F, 3.5.4.4: minimum 120 minutes for applicable cable/conduit openings.

NBCS 2026 replaces NBC 2016. State bye-laws and local fire-authority requirements govern project acceptance.

02 Match the seal to your opening.

YOUR APPLICATION

FIREX / 2-HOUR SEAL

Load-bearing wall / floor openings

Strong. Light. Economical.

FM 71

75 mm

Future cable changes

Mortar strength + a re-enterable barrier.

FM 71 + FB 250

50 + 50 mm

Occupied buildings / data halls

Re-enterable mineral-wool barrier.
Fast, clean, dry retrofit.

FB 250

100 mm

Follow the tested seal detail. Reinstate after cable changes.



FM 71 / Cementitious mortar

Installation illustrations



FB 250 / Ablative barrier

03 Protect the cable as well.

1. 1 foot of EC 43. Included free.

At every penetration. Intumescent coating controls flame spread.
EC 43 General: 240 min / IEC 60332-3 in the tested cable assembly.

OPTIONAL CIRCUIT AND PANEL PROTECTION

2. EC 43 Survival

Fire-pump, alarm and trip circuits.
Full-length circuit survival: 240 min at 750°C.
IEC 60331-21.

3. EC 7034

Thin panel wires. Fire + rodent protection.
Flexible. Translucent.
120 min / IEC 60332-3-22 Cat A.

4. DC 52

Fire-retardant finish over internal panel paint.

04 4 reasons to specify STANVAC.

1. Tested to the standard NBCS specifies.

FIREX tested at CSIR-CBRI, a Government of India laboratory.
IS 12458:2019: fire test + mandatory hose-stream test.

2. Protection at both fire paths.

2-hour firestop at the opening + cable flame-spread protection.
1 foot of EC 43 at every penetration. Included free.
EC 43: 240-min IEC 60332-3 result in the tested cable assembly.

3. One name answers for the whole system.

Four chemistries: mortar, barriers, cable coatings and panel finishes.
Survey, specification, drawings, method statements and trained applicators.

4. Why pay more for FM / UL alone?

Competitive installed cost for the IS-tested seal + free cable coating.
Compare complete installed offers with imported alternatives.