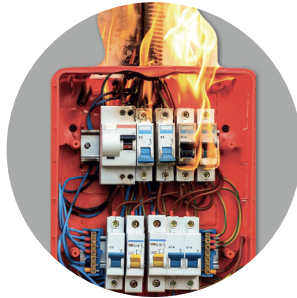


ALERT™ STIX

FIRE EXTINGUISHING STICKERS

**ONE SHORT CIRCUIT
CAN DESTROY YOUR PROPERTY**

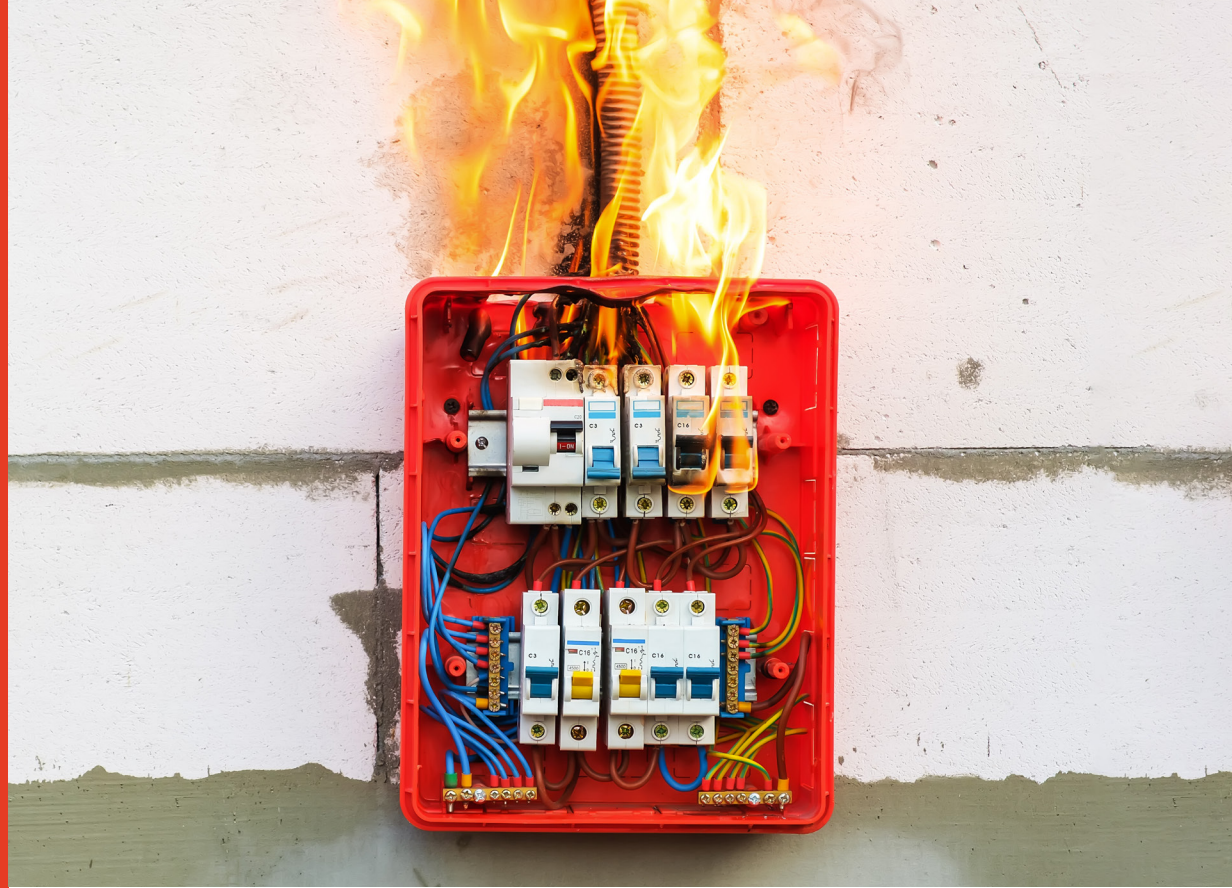


**JUST ONE STICKER
CAN SAVE IT!**



ENCLOSURE FIRE PROTECTION

**MODERN
HOMES AND
BUSINESSES
REQUIRE
MODERN FIRE
FIGHTING
SOLUTIONS.**



2 MINUTES

The time it takes for a small fire to become a disaster.



1.6 MILLION

The number of fire accidents recorded in India in the year 2021.



70 PERCENT

The percentage of fire incidents caused as a result of short circuits or electrical failure.

THE PROBLEM

It is reported that **70%** of all fire incidents are a result of short circuits or electrical failure.

In a world where a powerful framework of electricity fuels modern-day life, the risk of disaster is greater than ever before. It could be due to faulty equipment or lack of maintenance, during a short circuit or overloading, the many causes of accidental fires are always lurking.

THE SOLUTION

The revolutionary year is 2022. Born with a purpose, **1Alert** brings about a paradigm shift to the world of fire-fighting with avant-garde solutions that significantly reduce the risk of disaster.

1Alert introduces its range of Fire Extinguishing Stickers (STIX) which have the ability to automatically detect and extinguish early stage fires, set by short circuits or other electrical faults, within enclosed spaces.

The products are successfully tested against electrical fires by an NABL accredited fire testing lab in India.

Our Products are suitable for electrical enclosures having volumes of 20 Ltrs. and upto 400 Ltrs.



LAB TESTED

All products are successfully tested against electrical fires by an NABL accredited fire testing lab in India.



1ALERT STIX



20 LTRS



30 LTRS

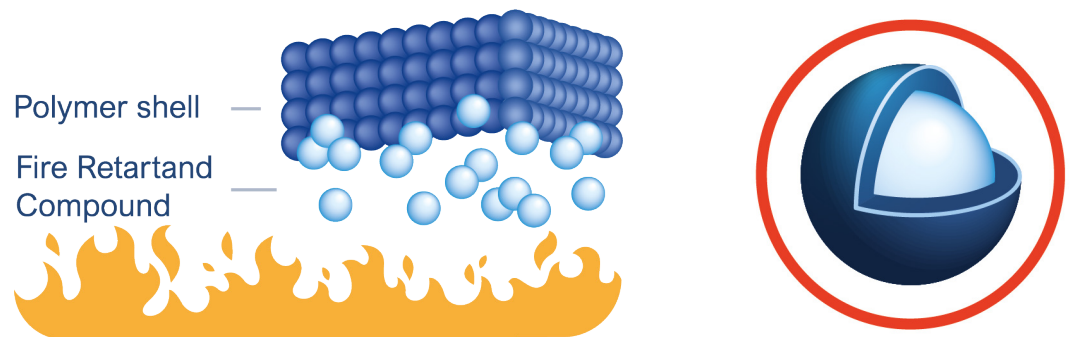


50 LTRS

THE TECHNOLOGY

1Alert Stix are easy to use fire extinguishing stickers that comprise of special pigments consisting of polymer shells which are applied using microencapsulation technology to insert fire extinguishing agent in the form liquid, gas, or solids into micro-capsules (10-350 μ M).

The shell of the micro-capsules burst at 120 °C thereby releasing the extinguishing agent (FK-5-1-12) to put out the fire at its incipient stage or delay the propagation of the fire.



1Alert Stix can safely remain in “standby mode” for many years but when activated, will automatically target the fire at its source, preventing the fire from developing further.

The products are intended to be used within electrical enclosures where there may be chances of short circuits or electrical failure which may result in a fire.

It requires no maintenance and has a 5 year lifespan.

1Alert Stix are available in 4 different sizes (20L/30L/50L/65L) depending on the enclosure volume, requiring protection.

1ALERT STIX

PRODUCT FEATURES



EASY TO USE
Peel off and stick



AUTOMATIC ACTIVATION
120° C



**NO DAMAGE TO
ELECTRIC EQUIPMENTS**



NON-TOXIC



**ENVIRONMENTALLY
FRIENDLY**



NO MAINTENANCE



FTRL TESTED
Against electrical fires



**5 YEARS
Protection**

TECHNICAL SPECIFICATIONS

MODEL	SIZE (mm)	FIRE EXTINGUISHING CAPACITY (ltrs)	ACTIVATION TEMP. (°C)	FIRE RATING	OPERATING TEMP. (°C)	PRODUCT LIFE
1Alert Stix (20L)	100 x 40 x 1	20	120 +- 5	A/B/C/E	-40/+65	5 years
1Alert Stix (30L)	100 x 100 x 1	30	120 +- 5	A/B/C/E	-40/+65	5 years
1Alert Stix (50L)	150 x 100 x 1	50	120 +- 5	A/B/C/E	-40/+65	5 years
1Alert Stix (65L)	200 x 100 x 1	65	120 +- 5	A/B/C/E	-40/+65	5 years

1ALERT STIX

HOW IT WORKS



PEEL

Remove the adhesive cover off the back of the sticker.



STICK

Install the sticker in the potential area of a fire.

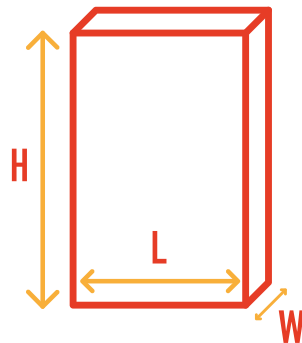


PROTECT

In the event of a fire, the unit activates at 120°C within a few seconds.

ESTIMATING ENCLOSURE VOLUME

NOTE: It is advisable to affix the product not higher than 60 cm. from the base of a panel.



Identify the suitable model of 1Alert Stix for your application by calculating the volume of the enclosure by using the below formula:

$$L \text{ (cm)} \times W \text{ (cm)} \times H \text{ (cm)} / 1000 = \text{Volume in litres.}$$

For example:

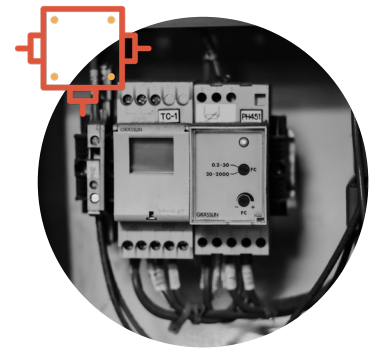
$$50 \text{ cm (L)} \times 20 \text{ cm (W)} \times 50 \text{ cm (H)} / 1000 = \mathbf{50L} \text{ or } .05 \text{ m}^3$$

APPLICATIONS

Along with these standard applications, 1Alert can be installed within a multitude of electrical enclosures that pose a fire hazard.



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