

# A frame

120 x 120 mm

The frames are modular in construction based around a working opening size of 120 x 120 and can be assembled in almost any size required. The frames are made of 6mm steel which is zinc plated to give a longer life.

Use of Filoseal+HD FIRE in these frames has been tested to BS EN1366-3:2009 & AS1530.4-2014 for a period of up to 4 hours on a standard installation. Frames are a worthy addition to the Filoseal+HD and HD FIRE ranges as they are a problem solver in the following situations:

1. Irregular openings in a wall – frame neatens the install
2. Walls of a poorer quality – frame stops reliance of seal bonding to structure
3. Ducts with too many cables – frame allows splaying of cables to obtain a proper seal.
4. Large cable runs such as a riser can be neatly sealed.

With this design of seal system, accompanied by these frames, the need for upfront design is minimized. With the offer of this style frame, we have performed all the tests we can on it to give you confidence in the system as a whole.

There is no need to get into complicated modular insert sizes as this system is filled with our widely approved Filoseal+HD and Filoseal+HD FIRE systems which need little to no upfront design in order to be incorporated into your project.

In order for us to quote you, please advise the wall opening size and layout of cables. We can work out your needs based upon this and provide a CAD based drawing of our solution.

The frames can be assembled around existing cable runs which minimizes (or should that be eliminates) down time of whatever your cables are connected to.

## FEATURES

- Minimal frame dimensions outside the wall aperture means fitting is easy.
- Modular frame to fit around existing cables or around over large connectors.
- Zinc plated for a longer life.
- Spare apertures can be used in the future.
- Fixing holes to be drilled by the user to suit their individual application.
- Design advice given by Filoform.

Designed in partner with the Filoseal+HD and Filoseal+HD FIRE, Filoform have created frames to

hold a seal where the space or structure will not allow fitting of a seal into the structure itself. All the features of Filoseal+HD and Filoseal+HD Fire can be applied, but the highlights are:

- Up to 4 hours fire resistance in transit frames (single side)
- Tested to BS EN1366-3:2009 & AS1530.4-2014
- Up to 2 bar Pressure Resistance
- 100Kg pulling Force on the cables when sealed
- 10xd at 45°, with 1 bar pressure bending test

# A frame

120 x 120 mm

## Cable Transit Frame Key

The modularity of the frame is based around two opening sizes; they are 120 x 120mm (type A) or 120 x 240mm (type B) which somewhat follows the frame sizing of regular transit systems. Obviously, for a larger hole, we build a multi-opening frame to suit the application.

Built frames - ( A Frame & B Frame)

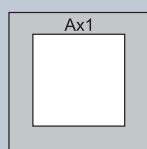
### Built frame size notation.

Frames of **Type A** (120 x 120 opening). For clarity, all frames are 120 wide, it is the height that changes.

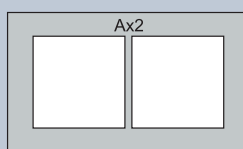
Frames types followed by an 'xn' notation means there are n number of openings set out horizontally in a row.

Frames types followed by a '+type A or B' notation mean the frames are stacked vertically on top of each other.

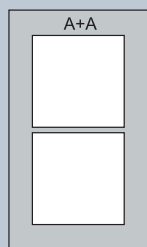
**So a frame denoted A+A+A x8 means there are 24 openings in total of size A, in columns of 3 high 8 times over.**



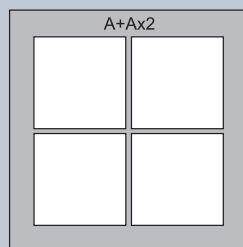
**A x 1** (1 opening, 120x120mm)



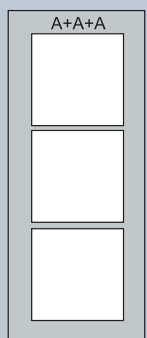
**A x 2** (2 openings, side by side 120x120mm)



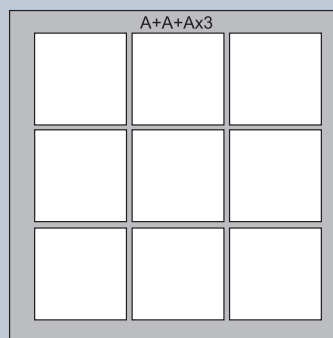
**A+A** (2 openings on top of each other 120x120)



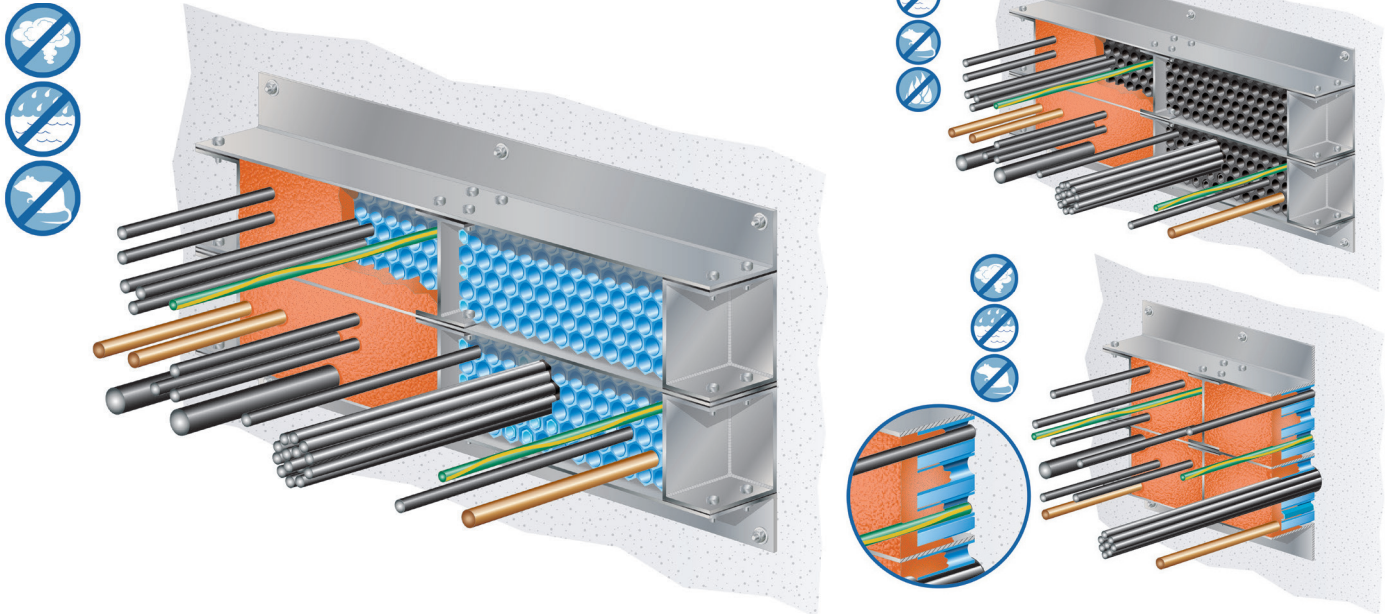
**A+A x 2** (4 openings, 2 in a row x 2 high 120x120mm)



**A+A+A** (3 openings on top of each other 120x120)



**A+A+A x 3** (9 openings, 3 in a row x 3 high 120x120mm)



# B frame

120 x 240 mm

The frames are modular in construction based around a working opening size of 240 x 120 and can be assembled in almost any size required. The frames are made of 6mm steel which is zinc plated to give a longer life.

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Built frames - ( A Frame & B Frame)

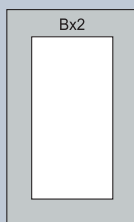
### Built frame size notation.

Frames of **Type B** (120 x 240 opening. For clarity, all frames are 120 wide, it is the height that changes.

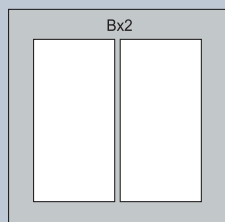
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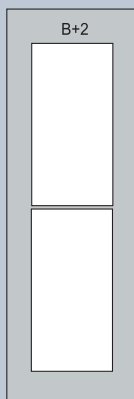
**So a frame denoted B+B+B x8 means there are 24 openings in total of size B, in columns of 3 high 8 times over.**



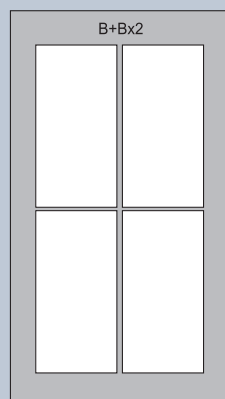
**B x 1** (1 opening, 120x240mm)



**B x 2** (2 openings, side by side 120x240mm)



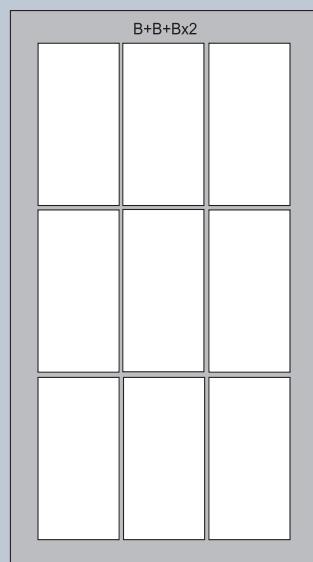
**B+B** (2 openings on top of each other 120x240)



**B+B x 2** (4 openings, 2 in a row x 2 high 120x240mm)



**B+B+B** (3 openings on top of each other 120x240)



**B+B+B x 3** (9 openings, 3 in a row x 3 high 120x240mm)