Fitting video links

CPTFRAW - Wall Passthrough:  [https://www.youtube.com/watch?v=mZ-KRoCQNr8](https://eur03.safelinks.protection.outlook.com/?url=https://www.youtube.com/watch?v=mZ-KRoCQNr8&data=02|01||a202582431734d7362c108d77e19585a|84df9e7fe9f640afb435aaaaaaaaaaaa|1|0|637116519793466044&sdata=WpbntkhlT05PrcL23GTTMD8iURZlS2OurwKYj8B9GCY=&reserved=0)

CPTFRAF - Floor/Ceiling:    [https://www.youtube.com/watch?v=Cj97WLI72eM](https://eur03.safelinks.protection.outlook.com/?url=https://www.youtube.com/watch?v=Cj97WLI72eM&data=02|01||a202582431734d7362c108d77e19585a|84df9e7fe9f640afb435aaaaaaaaaaaa|1|0|637116519793476055&sdata=MesVFyyT2xugeHXmXmEbtElumPPrtOaCOWXowhtX+Z0=&reserved=0)

 **GENERAL FIREPLUG PASSTHROUGH CONTENTS**

**FIRE & ACOUSTIC WALLS: CPTFRAW & FIRE & ACOUSTIC CAVITY WALL: CPTFRACW**

**2No hinged metal doors c/w intumescent closer - PVC pipe.**

**1No cold smoke sock - 1 or 2No acoustic bungs - (see under assembly)**

**Non FIRE WALL: CPTW**

**As above omitting the intumescent pipe closers**

**FIRE & ACOUSTIC FLOOR PASSTHROUGH: CPTFRAF**

**1No floor socket with Aluminium lid & intumescent pipe closer - PVC pipe**

**1No hinged metal door (soffit mounted on ceiling of level below)**

**1No smoke sock - 1 or 2No acoustic bungs - (see under assembly)**

**Non FIRE FLOOR PASSTHROUGH: CPTF**

As above omitting the intumescent pipe closers

**WHEN SETTING OUT FOR CORING HOLES PLEASE NOTE THAT THE O/A DIAMETER OF THE HINGED DOOR IS 100mm LARGER IN DIAMETER THAN THE HOLE TO BE CORED. THIS ALLOWS FOR THE DOOR FIXING HOLES TO BE A MINIMUM OF 25mm AWAY FROM THE EDGE OF THE CORED HOLE**

 **PREPARATION/ASSEMBLY**

**1 - PVC PIPE**

Cut the PVC pipe to the o/a wall thickness with a +0 -5mm tolerance (5mm short is ideal for acoustic rated passthroughs to avoid noise transference through the PVC pipe. The PVC pipe locates inside the pipe closers on the back of each door. The PVC pipe **must** not be longer than the o/a wall/floor measurement as the door will not sit flush to surface.
**2 - SMOKE SOCK**; the smoke sock goes around the outside of the PVC pipe.

If the length of PVC pipe is 600mm or over- you can cut the sock across its girth at halfway, to allow each half to be taped around each end. Leave approx 300mm of sock protruding to allow it to be pulled tight around the cables when the passthrough is in use.

 **3 – ACOUSTIC BUNG**

1No (49dB) or 2No (60dB) acoustic bungs are supplied depending on length of PVC pipe or acoustic performance required. They will be same id as the PVC pipe housing it. The acoustic bung is a high-density FR rated foam ‘plug’ that can be screw fixed to the inside of the PVC pipe at each end using the retaining cord. The acoustic bung/s can be fitted once the passthrough has been installed.

 **CORED HOLE DIMS FOR FIRE RATED PASSTHROUGHS**

 **(See separate setting out page)**

 **FITTING ALL FIREPLUG PASSTHROUGH DOORS**

**1 - Once the hole has been cored, position the hinged door centrally to the cored hole (the intumescent pipe closers should make this easy to do) and mark the fixing holes for drilling and plugging.**

**2 - Locate the PVC pipe (inside smoke sock) into the intumescent closer on the back of a door.**

**3 - Before offering the assembly through the cored hole, apply a bead of acoustic rated mastic to the rear of the door back plate. This aids sound retention of the passthrough.**

**4 - Screw fix the hinged door to the wall.**

**5 - Locate the second hinged door using the intumescent pipe closer as before.**

**6 - The acoustic bung/s can be screw fixed to the inside of the PVC pipe using the tab on the retaining cord.**

 **Use non-combustible fixings in accordance with wall type**

**NB - In some instances the wall may not be not even. Thus not allowing the door to close flush and engage the magnet. Try easing the pressure of some fixing screws to allow the magnetic handle on hinged door to meet flush**

**Maintenance**

**Only periodic visual inspection is required to confirm/maintain the performance parameters of the Fireplug Cable Passthrough.**

**Checks:**

**Is the passthrough securely fixed**

**Does the door open and close on the magnet**