

It is imperative that all fire Dampers and Ductwork are adequately fire tested and installed in accordance with the manufacturer's instructions. Such instructions must be supported by relevant test data.

The tested system provided by the manufactures will contain guidance relating to the tested parameters including the following:

- Substrate types tested,
- The gap width tolerances from service to substrate,
- The overall void size allowed,
- The sealing system the services were tested with.

There is also no consideration for mixed service penetrations with this EN test standard and so these service types must appear in their own apertures in order to ensure the system will perform as tested.

The test Standards for Fire Dampers (EN1366-2) and Ductwork (EN1366-1) considers not only fire resistance but also smoke leakage which is not a consideration in typical fire resistance testing.

Systems tested to the EN1366-3 test standard for service penetrations are not appropriate to be adopted for the fire stopping of Fire Dampers and Ductwork unless directly tested.

