

Installation Instructions:

Ensure within aperture is clean and free of debris, loose cement, and remove all dust from surfaces requiring installation.

Detail A- Single layer FB750 Intubatt detail suitable for detail references PS-001 to PS-003, 120 minutes integrity & 60 minutes insulation.

1. Cut FB750 Intubatt as per detail references PS-001 to PS-003 and reference below.
2. Cut FP302 Intustrap to form 2 layers.
3. Secure around insulated pipe in line with proposed fire seal, ensuring the product is fully within the supporting product.
4. Form the product to tightly fit around the FP302 Intustrap, remembering to bond the FP302 Intustrap in position.
5. Apply FS702 Intumastic where the FP302 Intustrap meets the product.
6. Repeat item 5 of the above to the opposite side of the wall.

Detail B- Double layer FB750 Intubatt detail suitable for detail references PS-001 to PS-003, 120 minutes integrity & 120 minutes insulation.

1. Follow detail A instructions and repeat to the opposite side of the wall.

Detail C&D- Annular opening up to 200mm, up to 120 minutes insulation & integrity, suitable for directly fitting into all wall and floor systems, direct fix to plasterboard requires a 0.7 gauge metal sleeve, can also be fitted within PS-001 to PS-004.

1. Follow items 2 to 3 of the above within detail A.
2. Fit 60mm depth of 64kg/m³ rock mineral fibre into opening to form 3mm recess from face of substrate.
3. Fill recess with FS703 Intusil / FS702 Intumastic until flush with substrate and trowel smooth.
4. Repeat to the opposite side of the wall. Floors require 60mm depth only and FS702 Intumastic / FS703 silicone to top face.

Detail E- FR230 Intucompound detail as per detail references PS-004, 240 minutes integrity & 240 minutes insulation.

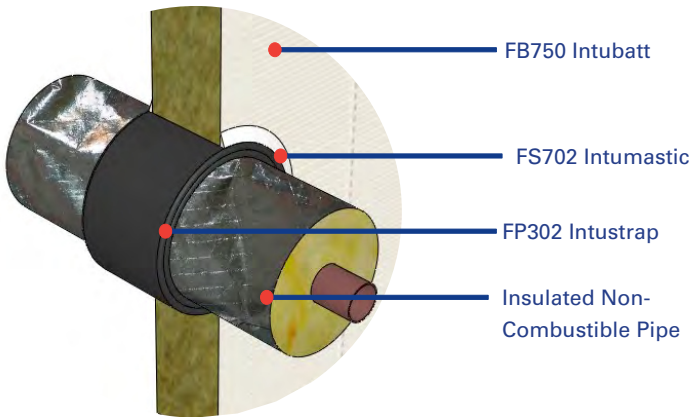
1. Follow detail references PS-004, to point of installing FR230 Intucompound
2. Follow items 1 to 3 of the above within detail A
3. Follow detail references PS-004, from point of installing FR230 Intucompound.

Detail F- FR230 Intucompound detail as per detail references PS-004, 240 minutes integrity & 240 minutes insulation.

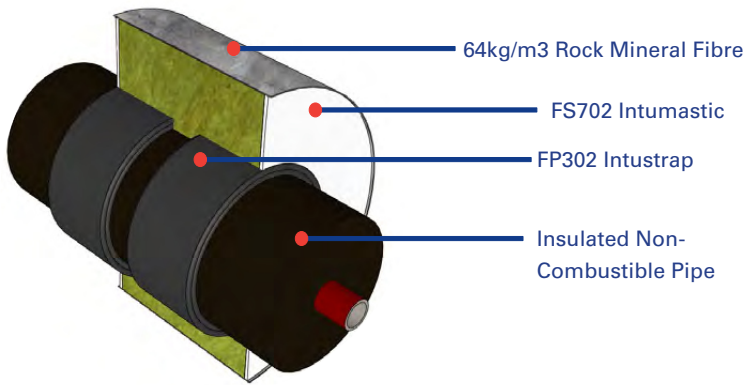
1. Follow detail references PS-004, to point of installing FR230 Intucompound.
2. Follow items 2 to 3 of the above within detail A
3. Follow detail reference PS-004, from point of installing FR230 Intucompound.

Note: FP302 Intustrap must always be fully within Nullifire product, if FP302 Intustrap extends past the product more than 10mm, this will constitute an incorrect installation.

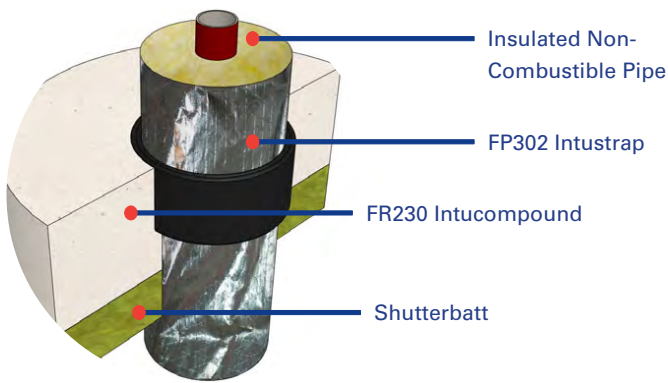
Detail A



Detail C



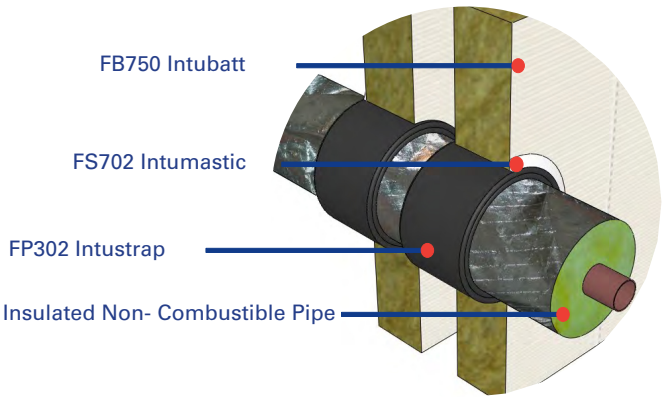
Detail E



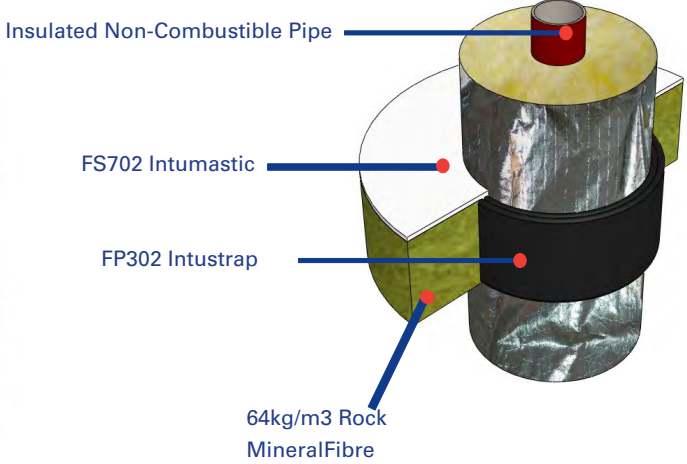
Main Detail



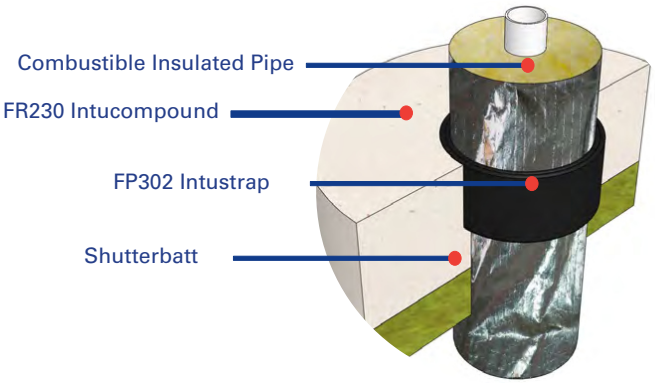
Detail B



Detail D



Detail F



Test Information:

Test: BSEN 1366 / BS 476

Products:

FP302 Intustrap- to be read in conjunction with details PS-001 to PS-004

Scenario:

Insulated non-combustible penetrations passing through varying substrates in various orientations.

Penetrations:

Insulated non-combustible pipes
Insulated types:
Up to 50mm Phenolic
Up to 50mm Nitrile Rubber
Up to 50mm Glass Fibre
Up to 50mm Rock Mineral Fibre

Void Size:

See related details as noted above

Fire Resistance:

Tested up to 240 minutes

Movement Detail C & D only:

FS702 Intumastic: Up to $\pm 15\%$
FS703 silicone: Up to $\pm 25\%$

Acoustic:

Consult suitably qualified acoustic engineer.

Nullifire details will only perform to the substrates performance capabilities. This applies to fire and acoustic.

Details may be applied to standard void seals, please see drawing sheet PS-001 to PS-006.

It is the responsibility of the purchaser to ensure suitability. If in doubt, please call a member of the technical team.

Drawing Title:

FP302 Intustrap to Insulated Non-Combustible Penetration.

Drawing Reference No:

PS-007
A3