



INSTALLATION GUIDANCE 1STOP IN SUSPENDED CEILING

1STOP: MULTIPURPOSE ACOUSTIC & FIRE CAVITY BARRIER & FIRE STOP SLAB

Version 1 : October 2015

Materials required

- 1STOP multipurpose acoustic & fire cavity barrier & fire stop slab
- 1STOP fixing brackets - supplied pre-notched for folding on site (Fig.1)
- 1STOP foil tape to seal vertical joints
- Sharp knife to cut through foil facings (e.g. workman's knife)
- Serrated blade to cut through mineral fibre (e.g. hacksaw)
- Drill to fix brackets to structure
- To fix brackets to structure: Suitable non-combustible fixing suitable for the substrate being fixed to. NOTE: Installation contractor to establish this as fixings are not part of the system supplied.

1. Measure the cavity and cut the 1STOP to size

See Handling & Cutting Guidance for 1STOP slabs.

2. Incorporate fixing brackets into the cut 1STOP strips

- Fold the fixing brackets. (Brackets are supplied pre-notched for folding on site.)
- Incorporate the fixing brackets by impaling them alternately into the top and base of the barrier prior to installing. Three brackets are required per 1200mm unit length, i.e. position at nom. 400mm centres. (Fig 2.)

3. Install the 1STOP strips to form a continuous barrier

- Compress and push the 1STOP into place.
- Tightly abutt strips of 1STOP within the cavity to form a continuous barrier.

4. Mechanically fix the brackets to surrounding structure

- Drill the brackets on site and mechanically fix the brackets to the surrounding structure.
NB: Suitable non combustible fixing suitable for the substrate being fixed must be established by installation contractor as fixings are not part of the system supplied.

5. Apply 1STOP foil tape

- Apply 1STOP foil tape to vertical joints from top to bottom, to assist acoustic integrity, and to maintain integrity of the smoke barrier. (Fig.3)

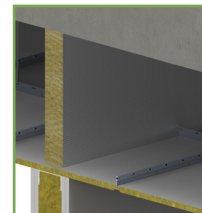
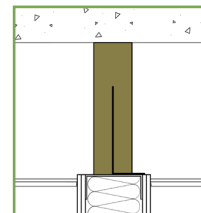


Fig 1. Fixing brackets supplied pre-notched for folding on site.

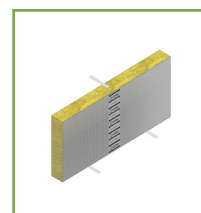


Fig 2. Folded fixing brackets are impaled into barrier.

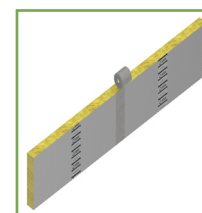


Fig 3. Foil tape is applied to seal the vertical joints.