

Raised Access Floor Barrier

for voids beneath raised access floors



Installation Guidelines

PRODUCT

AIM Raised Access Floor Barrier prevents the passage of flame and smoke through the under floor cavity, for at least the period of fire rating specified. AIM Raised Access Floor Barrier is made from high density Rockwool stone wool slab, faced with Class 0 impervious foil facing on both sides. It is available cut to size or in slabs suitable for cutting on site.

PHYSICAL INFORMATION

- Length: 1000mm
- Widths: 75mm, 100mm & 125mm (depending on the fire rating required)
- Voids: 50 - 400mm (barrier to be compressed by 5%)
- Available cut to size and supplied with the required fixing clips
- Available in slab form for cutting on site as required
- Foil faced (see options)
- Also available Polythene sleeved
- Thermal Conductivity $\lambda = 0.036\text{W/mK}$

STORAGE

Products are supplied on wooden pallets with edge protection and a shower proof hood.

Products should be stored away from the elements until ready for installation.

HEALTH & SAFETY

Insulation products supplied by AIM are considered to be inert articles and as such are exempt from requirements to provide a Safety Data Sheet.

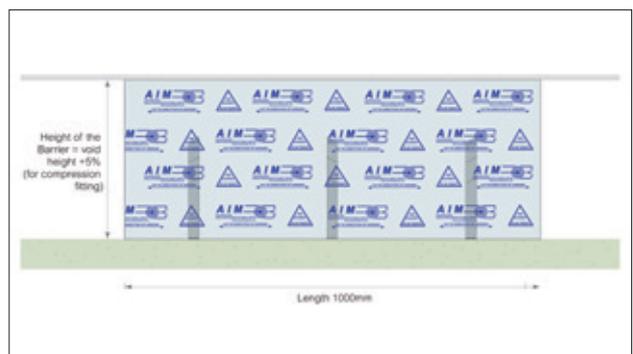
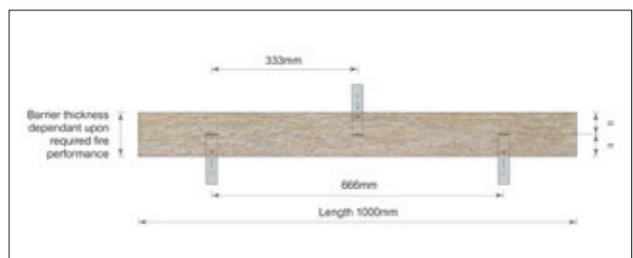
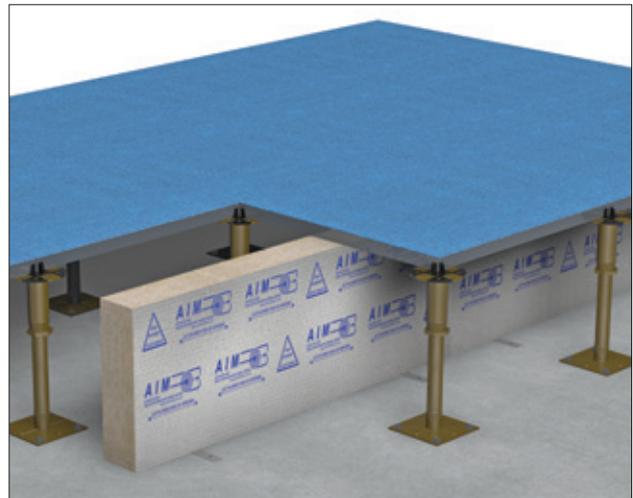
A Product Safety and Handling Information Sheet is available upon request.

COMPONENTS available from AIM

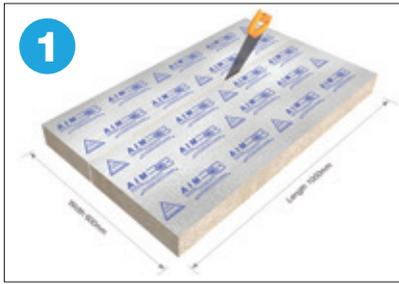
- Barrier
- Fixing Clip
- Acrylic fire rated intumescent mastic (optional extra)
- Foil tape for sealing joints (optional extra)

ITEMS REQUIRED FOR INSTALLATION

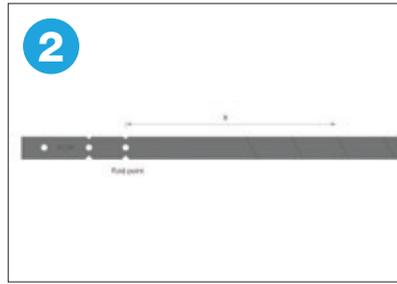
- PPE abrasion resistant gloves
- PPE impact resistant goggles
- RPE dust mask
- Insulation saw
- Drill
- Screwdriver
- Tape measure



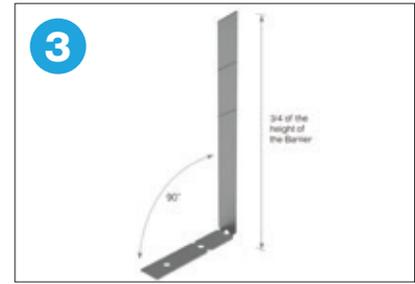
INSTALLATION GUIDELINES



1 Measure the void depth and add 5%. Mark the slab and carefully cut using an insulation saw or hand saw. Please cut in the direction of the arrows printed on the foil facing. Please note: This step is not required if the barrier supplied has been pre-cut to the identified void size.



2 The product is installed with three 'L' clips per length of barrier. Snap the fixing clips to the correct length. Dimension 'X' should be three quarters of the barriers height.



3 For all voids three 'L' angle brackets are supplied per length. Form the three fixing clips to 90° to form an 'L' shape.



4 Insert into the base of the barrier to approximately $\frac{3}{4}$ depth with the two end brackets having their 'leg' to one side of the barrier and the middle one with its leg to the other side. The clips should be at 333mm nominal centres.

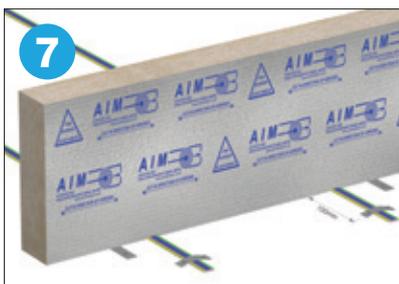


5 Place the barrier into position ensuring a tight butt joint between sections. Secure the three fixings to the substrate using non-combustible fixings.



6 The Barrier should maintain contact with the underside of the access floor and the top of the structural floor so that no gaps are present, as this may risk loss of integrity. The barrier should be installed so that it completely fills the cavity without any gaps or voids.

Fit the access floor tile ensuring that the barrier is held under compression. Minor imperfections or any gaps caused by joints or coffers in the floor should be sealed with a fire rated intumescent mastic.



7 If cables pass the cavity barrier line then these should be secured 150mm away from each edge of the barrier. The system allows for up to five CAT5e or five 2.5mm three core PVC cable to be secured to the substrate and run below the Raised Access Floor Fire Barrier. Please contact AIM for specific installation guidance.



8 Prior to installing the Raised Access Floor Barrier, ensure there is intumescent mastic all around the cables. Once the slab is fitted, check for gaps and add more mastic if required.

MAINTENANCE

This product does not contain moving parts and, if undisturbed in the underfloor cavity, requires no routine inspections or maintenance. It is recommended that the integrity of the barrier is rechecked if further works are carried out that may have involve disturbing the product e.g. installing new cables.