



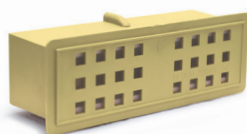
Available in
5 standard
colours

Anti-Flood Airbrick

The Anti-flood Airbrick is the world's first BSI Kitemark certified airbrick to protect against flooding.

It is the most efficient and effective airbrick replacement on the market. Its superior design is passive and it is self-activated by only one moving part. Designed to replace a standard airbrick it allows air to freely pass through, but under flood conditions its self-activating gate will automatically shut off.

- Suitable for use in listed buildings
- Can be retro fitted or used in new build construction
- Made from recycled polypropylene
- Allows air to freely pass through complying with BS493:1995
- Easy to install
- Integrated mesh unit stops insects and debris entering



Technical Information

Applications

- Can be fitted to single, double and triple airbrick apertures.
- Can be installed in brick, concrete, stone, steel, render finished or hardwood structures across both domestic and commercial properties.

Certification

- BSI Kitemark licensed product (KM713574). Passed the rigorous testing criteria of PAS 1188-1:2014.
- Complies with British Standard BS493:1995 to provide ventilation under floor voids and in wall cavities: provides 2400mm² of free airflow.

Technical Information

- **Length:** 210mm
- **Height:** 62mm
- **Depth:** 73.5mm
- Excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising temperature of -20° to 120°.
- Minimum geometric open area of 2400mm² which meets the ventilation opening requirements of 1500mm² run of opposing walls/ 500mm per m of floor area for suspended ground floors/ 500mm per m for wall cavities.

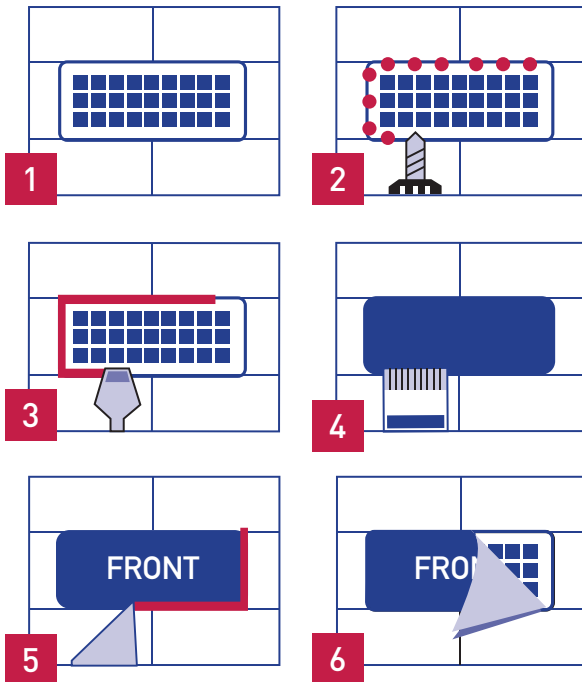
Available in the following colours:

- Standard terracotta
- Engineering blue
- Buff
- White
- Black

Construction

- Main body, insect mesh and float constructed from recycled polypropylene co-polymer with UV stabilisers.
- Silicone sponge approved by the WRAS (Water Regulations Advisory Service).

Installation Instructions



Note: When installing as a retro fit product the installation time should be complete within 30 minutes per unit.

1. Locate airbrick to be replaced.
2. Starting at a corner, drill through the mortar with the power drill, drill the holes along the mortar surrounding the airbrick.
3. Grind out the mortar around the airbrick or break out with hammer and chisel.
4. Once the airbrick is loose, remove from the wall and ensure that there is no mortar obstructing the corners. Clean aperture with brush.

5. Ascertain the front of the brick (marked Front) and ensure it's the correct way up (marked with an arrow up). This should be facing to the front, the spacers are situated on the bottom. Mix a mortar of sand, cement and PVA, wet the aperture with water, insert the Anti-Flood Airbrick and point around ensuring that the full bed of mortar is achieved across the depth of the brick (use the lip on the rear edge of the brick to ensure mortar is installed to the correct depth) paying attention to the type of mortar and the style of pointing. The face of the brick should sit flush with the wall.

NOTE: It is absolutely imperative that the airbrick is installed with the utmost care, ensuring that all pointing is faultless. Remember, if water can get in, it will.

6. Remove film sticker to complete the installation.

NOTE: Ensure that the mortar is completely dry before the screw front face of the airbrick is removed for maintenance inspection, allow minimum seven days to fully cure.

NOTE: Double (or triple) airbricks can be replaced with two (or three) airbrick replacements placed one on top of the other and aligned with the mortar joints of the two (or three) courses of bricks.

7. The 8mm lip on the bottom rear edge of the brick can be removed using a hack saw to ensure the top brick sits comfortably above the lower brick.