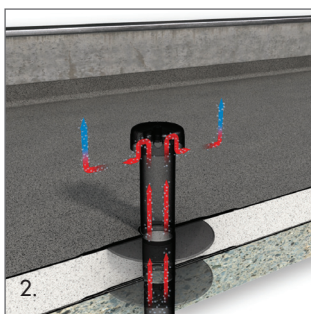
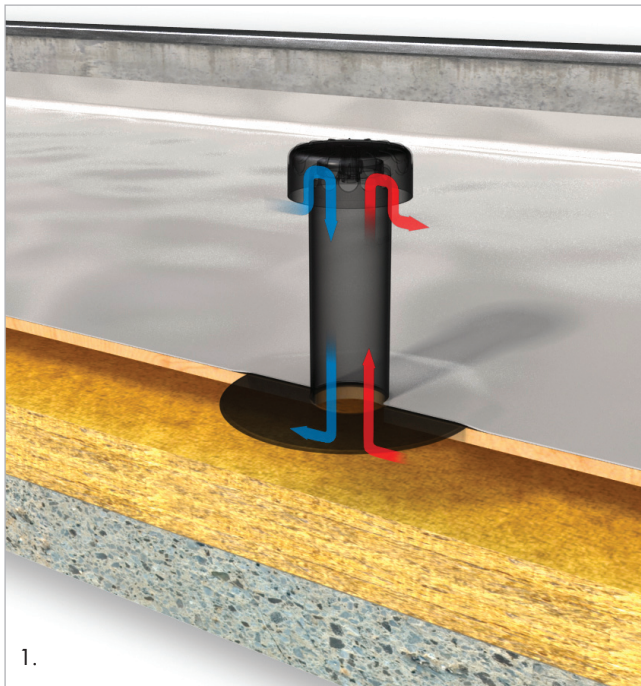


Flavent® Breather and Extraction Vents



1. Installation example:
Flavent® Single-piece breather vent for ventilated roof with PVC roof membrane

2. Installation example:
Flavent® Two-piece breather vent for unventilated roof with bitumen roof membrane
Note the insulation material-filled lower section, preventing condensation forming within the roof structure.



Installation

- To prevent condensation forming within the supporting structure, care must be taken when installing two-piece expansion vents to ensure that the lower section is filled with an insulation material
- A uniform space above an insulation layer should be aimed for to enable effective ventilation
- The number and position of breather vents required will need to be calculated in accordance with the number and siting of the rooms covered by the roof
- All roof structures should have a vapour barrier specified

Breather vents are used to allow moisture to escape from unventilated warm roofs. Moisture can get trapped within the roof during construction or from water penetrating the roof membrane. If ventilation of this trapped moisture is not provided, heat from the sun can cause gases to expand, which in turn can cause blistering and tearing of the roof membrane.

Product features & benefits

- Optimum air circulation according to DIN 4108
- No cracking of the roof surface
- Penetrating moisture and condensation are removed
- Insulation performance remains intact
- Rain-proof design
- Versatile in use and thus less time in storage
- Ideal for connection to bitumen and plastic roof membranes
- Quick installation

Area of application

- Breather vents: these are designed to create air circulation above the insulation layer in accordance with DIN 4108. They removing moisture trapped in a flat roof construction, avoiding condensation on the underside of the waterproof layer which can lead to the formation mould, rot and surface blisters
- As a renovation vent: for safe repair to old or damaged vents
- For drying out roofs after construction or renovation

Material and performance

- High impact PVC, black
- Weather, frost and UV-resistant
- Fire rating B2 (no direct flame contact)
- Temperature resistance -40°/+80°C
- Flow temperature max. +40°C (for short periods max. +80°C)

Dimensions

70mm, 100mm, 125mm, including TPE 80mm and 100/120mm options

Available in special diameters for renovation.

Product codes

Please refer to the brochure for all product codes.

Regulations and certifications

DIN 4108

Related products

- Lower vent section
- Upper and lower pipe extensions
- Tangit PVC adhesive

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