

# INVENTIVE

## Roof ventilation solutions

RTV-MC | Mini Castellated Tile Vent

# DATASHEET

**Profiled roof tile vent to enable ventilation directly into a roof space or connect to a ducted ventilation system**

### Use

- On roofs with Mini Castellated roof tiles
- Enables ventilation directly into a roof space
- Can also be connected to a ducted ventilation system inside the building

### Features & Benefits

- Suitable for roofs with a minimum pitch of 17.5°
- Free ventilation area of 5,000mm<sup>2</sup>
- Sized to replace one Mini Castellated tile to provide a continuous visual appearance along the roof when viewed at all levels
- Provides a 110mm duct connection as standard
- Shaped to manage and channel rainwater back down onto the roof tiles and away from the vent opening
- 4mm spaced external grille to prevent rainwater ingress and keep out large insects, vermin and debris
- Integrated clips to ensure a secure fit to surrounding roof tiles
- UV stabilised top for continuous exposure to sunlight
- Lightweight and easy to handle

### Quality

- Independently tested by BRE for deluge and wind driven rain to PD CEN/TR15601:2012
- BS EN 490:2011 Concrete roofing tiles and fittings for roof covering and wall cladding - product specifications (+A1:2017)
- BS 5250: 2021 Management of moisture in buildings - Code of practice
- BS 5534:2014 Slating and tiling for pitched roofs and vertical cladding - code of practice (+A2:2018)
- Manufactured to BS EN ISO 9001:2015 and BS EN ISO 14001:2015
- Complies with all relevant sections of the Building Regulations 2010
- Satisfies all relevant NHBC requirements

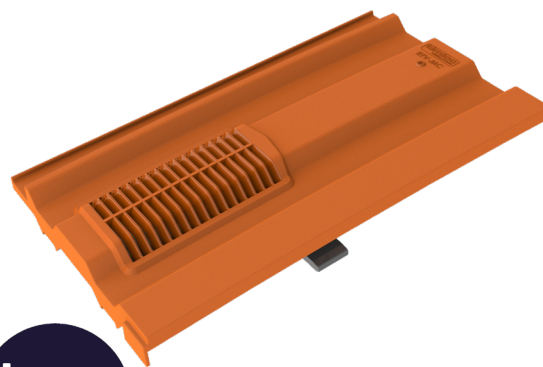
### Compatibility

Mini Castellated small format tiles from all major manufacturers including:

- Marley Ludlow Plus
- Redland 49
- Sandtoft Standard Pattern
- Forticrete V2

### Material & Colour

- Top - UV stabilised coloured injection moulded Polypropylene with textured finish
- Available in Terracotta, Brown, Grey and Red
- Base - Black injection moulded Polypropylene



bre

Terracotta  
RTV-MCTE



Brown  
RTV-MCBR



Grey  
RTV-MCGR



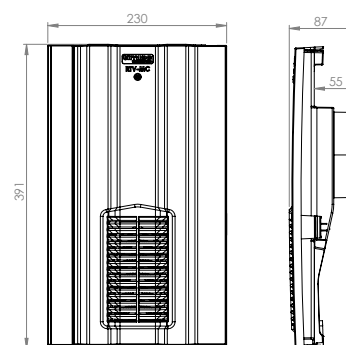
Red  
RTV-MCRD

### Environmental Product Declaration

A quantification of environmental information regarding the life cycle of the Mini Castellated Tile Vent. GWP total is for production stages A1-A3. Verified in accordance with ISO 14025. View the full EPD at [timloc.co.uk](http://timloc.co.uk).



| Product | EPD Reference     | EPD Mass (KG) | GWP A1-A3 (KG CO <sub>2</sub> e) |
|---------|-------------------|---------------|----------------------------------|
| RTV-MC  | EPD HUB, HUB-2425 | 0.6324        | 2.77E-01                         |

### Product Dimensions



## Compatible Accessories

- Full datasheets available for all accessories

| Description   | Product Code | Product Image   |
|---|--------------|---|
| 110mm Flexi-Pipe to aid connection to ventilation duct or soil vent pipe      | RTV-KITI     |  |
| Multi adapter (RTV-ADMULTI) to aid connection to 100/110/125/150mm duct sizes | RTV-ADMULTI  |  |

## Airflow Test Data

| RTV-MC (100mm duct) |                               |
|---------------------|-------------------------------|
| Flow Rate l/s       | Static pressure difference Pa |
| 5                   | 4                             |
| 10                  | 14                            |
| 15                  | 30                            |
| 20                  | 51                            |

## Product Codes

| Product Description             | Colour     | Weight | Box Quantity | Product Code | Pack Quantity | Pack Code     | Pallet Quantity |
|---------------------------------|------------|--------|--------------|--------------|---------------|---------------|-----------------|
| Mini Castellated Roof Tile Vent | Terracotta | 0.63kg | 1            | RTV-MCTE     | 14            | RTVMULTI-MCTE | 238             |
| Mini Castellated Roof Tile Vent | Brown      | 0.63kg | 1            | RTV-MCBB     | 14            | RTVMULTI-MCBB | 238             |
| Mini Castellated Roof Tile Vent | Grey       | 0.63kg | 1            | RTV-MCGR     | 14            | RTVMULTI-MCGR | 238             |
| Mini Castellated Roof Tile Vent | Red        | 0.63kg | 1            | RTV-MCRD     | 14            | RTVMULTI-MCRD | 238             |

**NB.** RTV-MC available in single, pack or pallet quantities. For pack quantities, 14 tile vent assemblies are packaged in one large box.