

# Top Hats & Flexible Top Hats

For sealing to a gas barrier and at the intersection of pipe projections

## Use

- In areas outlined in BRE document 'Radon' guidance on protective measures in new dwellings
- When gas protection is required across the footprint of the building
- Crossing cavity wall constructions to maintain gas barrier integrity
- Forming internal perimeter trays to allow membranes continuity
- Collars for service pipe protrusions
- Following a risk assessment where the requirement is for a good gas protection measure against Radon, Co2, Methane and Hydrocarbon
- To be designed and installed in a continuous system around the whole building perimeter

## Features and Benefits

- Preformed mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Easy to handle, flexible, tough, durable and puncture resistant
- Can be used for multi-storey or high-loading applications – will not extrude under high loads up to the point of compression failure of wall
- Wide range of standard components with special tailor made accessories also available
- Fully itemised scheduling service

## Quality

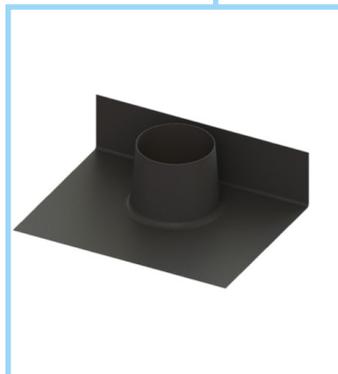
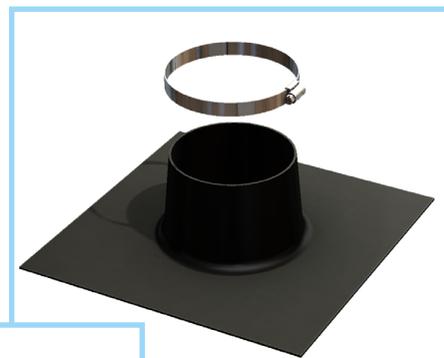
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Satisfies all NHBC requirements
- Meets BRE requirements
- Complies with Building Regulation Approved Documents C1 and C2
- Meets all relevant British Standards

## Material and Colour Choice

- Formed in 2mm medium density polyethylene and/or polypropylene
- Available in black only

## Installation Advice

Units will require tape and seal - tape sold separately. Use GTAPE01 to make the seal between joint surfaces. Use GTAPE02 to seal upper surface to minimise lap lifting if used in concrete floors



## Environmental Product Declaration

A quantification of environmental information regarding the life cycle of the TH110, TH135 & TH160. 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 CO2e) |
|---------|-------------------|---------------|---------------------|
| TH110   | EPD HUB, HUB-1836 | 0.175         | 4.38E-03            |
| TH135   | EPD HUB, HUB-1836 | 0.235         | 5.88E-03            |
| TH160   | EPD HUB, HUB-1836 | 0.235         | 5.88E-03            |

## Products in the Range

### Top hat pipe collars (TH055, TH082, TH110, TH135, TH160)

Top hat pipe collars are available in sizes from 55mm to 160mm. A standard range of preformed pipe sleeves that are designed to have sealing tape applied to the unit base to offer a unit for sealing to a gas barrier and at the intersection of pipe projections. Common applications are for soil / service pipes passing vertically via a gas barrier or membrane to maintain a continuous seal. Top hats are suitable for installation at ceiling level for pipe protrusions to assist in reducing air leakage. All jubilee clips are supplied separate to top hat units.

### Jubilee clips size 5 for TH055

### Jubilee clips size 6 for TH110

### Jubilee clips size 7 for TH160

### Flexible top hat (77110,77135)

The flexible top hat has been designed to be flexible enough to fit around difficult applications and is perfect for use in tight situations where a pipe is located close to a wall

## Product Codes

| Description                                 | Product Code    |
|---|-----------------|
| Top hat pipe collar 55mm                    | TH055           |
| Top hat pipe collar 82mm                    | TH082           |
| Top hat pipe collar 110mm                   | TH110           |
| Top hat pipe collar 135mm                   | TH135           |
| Top hat pipe collar 160mm                   | TH160           |
| Jubilee clips size 5, 6 or 7                | JCLIP 5, 6 or 7 |
| Flexible top hat pipe collar 110mm diameter | 77110           |
| Flexible top hat pipe collar 135mm diameter | 77135           |
| Gastite sealing tape 15m x 100mm            | GTAPE01         |
| Girth tape 75m x 50mm                       | GTAPE02         |