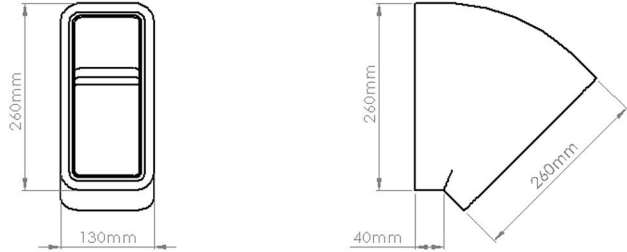
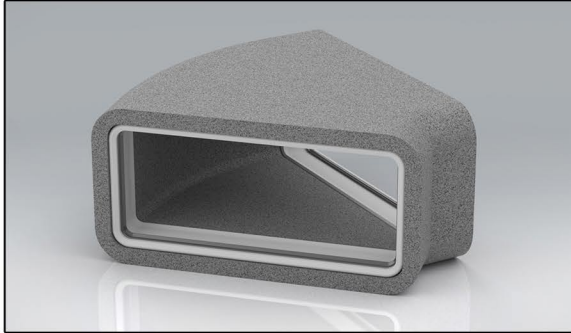


PRODUCT DATA SHEET

SST-220-45HB-IND

Rapid Self-Seal Thermal 220x90mm 45° Horizontal Bend



| | |
|----------------------|--------------------------|
| MANUFACTURER: | VERPLAS LTD |
| PART NUMBER: | SST-220-45HB-IND |
| SIZE: | 220x90mm |
| FOR USE WITH: | VERPLAS THERMAL 220 |
| BOX QUANTITY: | 6 |
| INDIVIDUAL WEIGHT: | 230g |
| COLOUR | Grey |
| MIN OPERATING TEMP | -15°C |
| MAX OPERATING TEMP | +60°C |
| THERMAL RESISTANCE | 0.666 m ² K/W |
| THERMAL CONDUCTIVITY | 0.03 W/mK |

SPECIFICATION DETAILS

The Verplas Self-Seal Thermal SST-220-45HB-IND insulated fitting is manufactured from graphite impregnated expanded polystyrene (EPS) with a minimum density of 25kg/m³ and provides a free area of 19,752 mm². The SST-220-45HB-IND is supplied with self-seal female couplings that allow the ducting fitted with a Duct to Fitting Connector to be plugged into the fitting apertures with a push, click and lock mechanism. The Self-Seal female couplings are manufactured from prime High Impact Polystyrene and a Thermoplastic Elastomer Dynamic Sealing Gasket.

The EPS material is fully tested to meet the thermal conductivity requirements of BASF-EN13163 to assist with the prevention of condensation and is flame retardant to DIN 4102-B1.

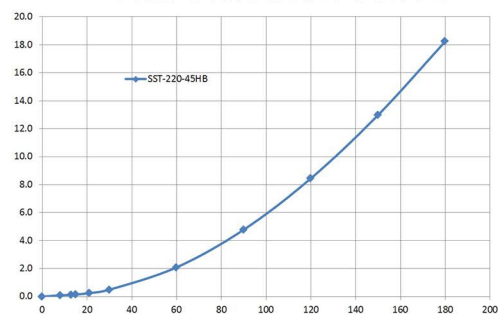
The patented push, click and lock mechanism provides a low leakage solution which exceeds the requirements set out in DW/143 Class A leakage test and DW/154 ductwork standards.

The Self-Seal Thermal is compliant with the requirements outlined in the Energy performance characteristics database for use in SAP with MVHR and MEV supply and extract ventilation systems.

| AIRFLOW | RESISTANCE |
|---------|------------|
| 8 l/s | 0.10 pa |
| 13 l/s | 0.10 pa |
| 21 l/s | 0.20 pa |
| 30 l/s | 0.50 pa |
| 60 l/s | 2.10 pa |
| 120 l/s | 8.50 pa |

PERFORMANCE CURVE

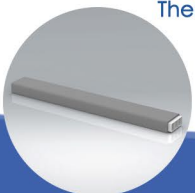
Pressure Loss Pascals (Pa)



AIRFLOW RATE (L/S)

Associated Ancillaries

- SST-220-2M-IND
220x90mm Rapid Self-Seal Thermal 2m Flat Channel
- SST-220-90VB-IND
220x90mm Rapid Thermal Self-Seal 90° Vertical Bend
- SST-220-90HB-IND
220x90mm Rapid Self-Seal 90° Horizontal Thermal Bend



Scan Here to find out how quick it is to install

