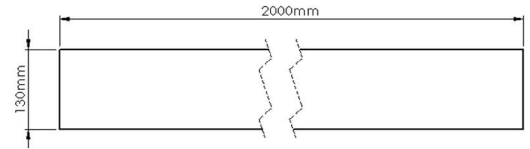
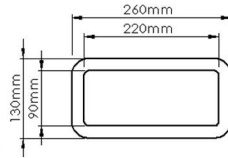
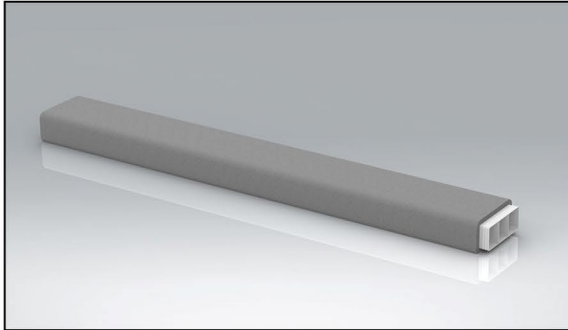


# PRODUCT DATA SHEET

## SST-220-2M-IND

Rapid Self-Seal Thermal 220x90mm 2m Flat Channel



MANUFACTURER:	VERPLAS LTD
PART NUMBER:	SST-220-2M-IND
SIZE:	220x90mm
FOR USE WITH:	VERPLAS THERMAL 220
BOX QUANTITY:	6
INDIVIDUAL WEIGHT:	910g
COLOUR	Grey
MIN OPERATING TEMP	-15°C
MAX OPERATING TEMP	+60°C
THERMAL RESISTANCE	0.666 m <sup>2</sup> K/W
THERMAL CONDUCTIVITY	0.03 W/mK

### SPECIFICATION DETAILS

The Verplas Self-Seal Thermal SST-220-2M-IND 2m length of insulated duct is manufactured from graphite impregnated expanded polystyrene (EPS) with a minimum density of 25kg/m<sup>3</sup> and provides a free area of 19,752 mm<sup>2</sup>. The SST-220-2M-IND is supplied with a single Duct to Duct Connector to fit into the next straight length of duct. The open end of the duct allows a push-fit over a 220mm x 90mm Fan Spigot or it can be cut to length to insert a Duct to Fitting Connector to push, click and lock into the female coupling housed in every Fitting. The Duct to Duct and Duct to Fitting Connectors are manufactured from prime quality High Impact Polystyrene.

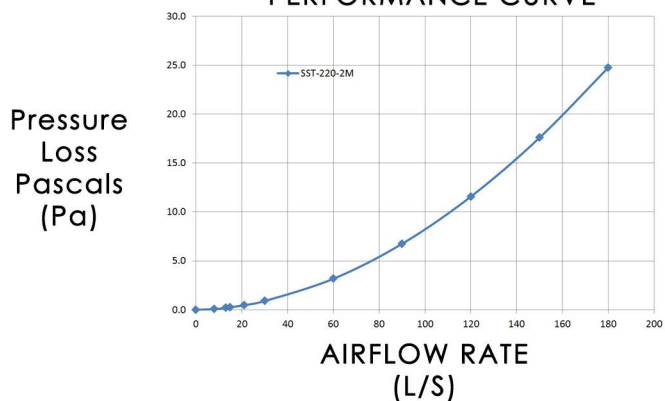
The EPS material is fully tested to meet the thermal conductivity requirements of BASF-EN13163 to assist with the prevention of condensation and is flame retardant to DIN 4102-B1.

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	0.20 pa
21 l/s	0.50 pa
30 l/s	0.90 pa
60 l/s	3.20 pa
120 l/s	11.60 pa

### PERFORMANCE CURVE



### Associated Ancillaries

- SST-220-1M-IND  
220x90mm Rapid Self-Seal Thermal 1m Flat Channel
- SST-220-45VB-IND  
220x90mm Rapid Self-Seal Thermal Self-Seal 45° Vertical Bend
- SST-220-45HB-IND  
220x90mm Rapid Self-Seal 45° Horizontal Thermal Bend

