

# INSULATING STEEL POSTS WITH SPACELOFT® AEROGEL

## APPLICATION

- Measure height of post to be insulated
- Cut 4 strips to suit ( 2 of each size ) Off Cuts can be used
- Peel off tape and adhere to steel posts
- Fit Tape all four vertical corners and joists
- window / door to frame through insulation
- For best results take insulation to bottom of the post if located within a cavity.

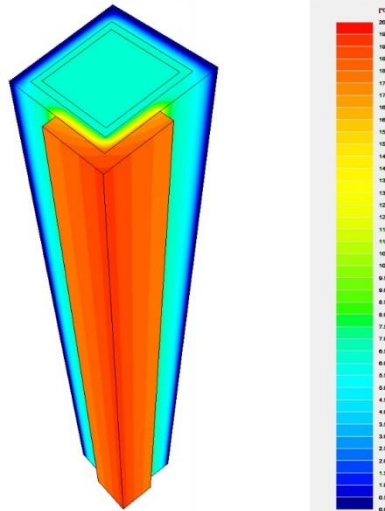
## TECHNICAL DATA

Thermal Bridging Results Post Installation See Table.

Wind post option	80 x80mm 6mm gauge
Insulation option	10mm Spaceloft aerogel
$\Psi$ – value ( $Wm^{-1}K^{-1}$ )	0.078 <sup>(1)</sup> (2)
Temperature factor, $f_{Rsi}$ (- )	0.89

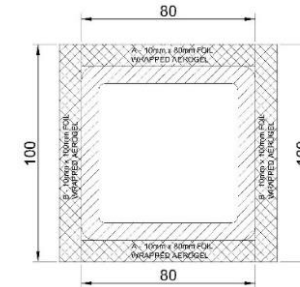
1. Value to be entered as a corner junction in SAP (SAP ref E16. Heat loss also includes interfacing jambs (see note (2))
2.  $\psi$  value for jambs (SAP ref E4) interfacing the wind

Figure A.1: 80x80mm 6mm gauge wind post, insulated with 10mm Spaceloft aerogel

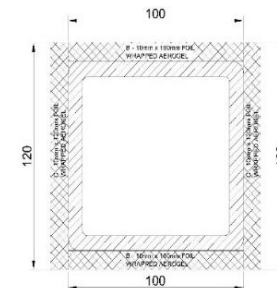


## COMPONENT LIST

1. 10mm Foiled Spaceloft® Aerogel strips with self-adhesive tape  
Standard Sizes Cut to suit 80x80mm & 100mm & 100mm posts
- A** - 10mmx80mmx2400mm strips  
**B** - 10mmx100mmx2400mm strips  
**C** - 10mmx120mmx2400mm strips



A+B for 80x80mm posts



B+C for 100x100mm posts

- Other sizes cut supplied in 1.45m lengths
2. 50mm x 45m foiled tape

