



### Keep the winter out of your home

With Britain experiencing 'colder than normal' winters these past few years, the homeowner must take more preventative measures to better insulate the home. One of the biggest reasons for heat loss in the home are the front and back doors. Here's a quick tip to find out if your exterior doors are well insulated. Once it's dark, stand outside your front door and shine a torch around the edges of the door. Someone on the inside of the door should see any light seeping in. The best way to keep cold air out is to install foam draught excluders designed to prevent airflow around the door and as an added benefit, the foam acts as a sound absorbant. Exposed pipework is also vulnerable to the cold. Where possible pipes should be insulated with tape or foam in order to maintain critical temperatures and so prevent catastrophe.

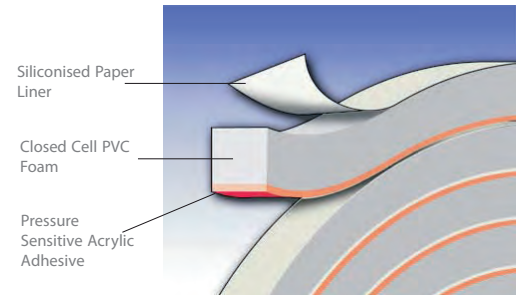
### Can you afford to go green?

A GREEN scheme to transform a York semi into an energy efficient SuperHome cost about £70,000 according to the Joseph Rowntree Housing Trust. The estimated bill for the project at a house in Temple Avenue included £15,000 to improve the insulation, £13,000 on solar panels and a new heating system and £10,000 on triple glazed windows. Another £6,000 went on replacement floors, £5,000 on ventilation and heat recovery systems, £5,000 on re-plastering and £7,000 on other work such as ensuring proper seals and draught-proofing. Other costs included £5,000 on VAT and £4,000 on plastering and rendering the garage and external walls. Critics say they have been staggered by the amount, which far exceeds the £9,000 estimate given by a York Green Party member earlier this month. Osbaldwick Independent councillor Mark Warters said it would take someone more than 150 years to recoup such costs through reduced fuel bills.

### Warm your home, cool your bills

- More than 40% of all the heat lost in an average home is through the loft space and walls
- 270-300mm (10.5inches) of loft insulation can save up to 15% of a home's heating costs
- Up to 20% heat loss is through doors and windows.
- Up to 20% of all heat loss in the home is through ventilation and draughts.

## SPECIAL FEATURE



### ZOUCHseal 90

ZouchSeal 90 is a semi open cell PVC foam with a very low density and a low force to compress. The special design of this tape allows a quick application without problems. ZouchSeal 90 is designed to create a watertight seal with a minimal amount of force. This ability allows it to conform easily to rough or irregular surfaces. It is also ideal for sealing thin gauge metals or plastics which could deform easily under greater pressures. To create an adequate seal, the foam must be compressed a minimum of 30% in the final joint. Once in place, the foam will be able to handle normal joint movement due to thermal expansion or environmental forces. The ZOUCHseal product line is predominantly used for doors, walls and windows as an air, dust or draught seal.



**For more information  
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