

Keep a 100mm Overall Cavity and Avoid the Need to Shift to 150mm

Achieve the 0.18 U-Value with SureCav25

1

Protect Your Build

- Shield against wind-driven rain.
- Prevents water ingress
- Avoids mortar contamination and cavity bridging



2

Increase Build Values

- Reduces your wall width by 125mm compared to concrete backing blocks.
- Offers you up to 10% more internal floor space
- Saves re-designing plans

3

Say No To Backing Blocks

- OVER 50% Cheaper to install
- Faster and easier to install
- 6x lower the carbon footprint just to produce



4

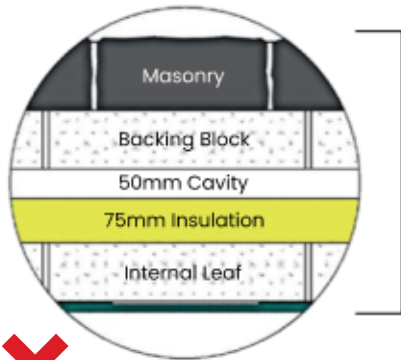
Achieve The New 0.18 U-Value

- Meet the new 0.18 U-Value with SureCav25 and 75mm insulation.
- Avoid the need to shift to wider cavities and lose valuable internal room space.



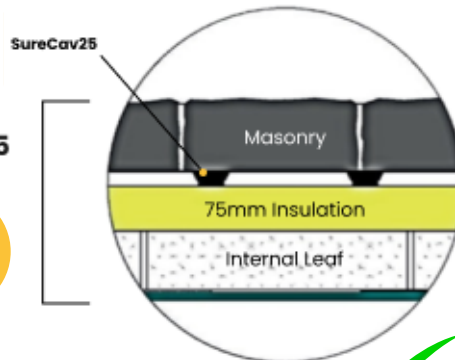
WHY BUILD THE OLD WAY LIKE THIS?

WHEN YOU CAN ACCOMPLISH THIS WITH SURECAV25.



470

Reduces the wall width by 125mm



345



By using SureCav 25 you gain an extra 125 mm in each direction resulting in 6.3m² more floor space over two floors on an average 2 story 3 bedroom house, equating to an increased value of £23,870 - and **net benefit of over £20,000**

Space saving calculations

Saving up to 10% over two floors by switching

Original	New	Saving
50mm Cavity	SureCav25	1.6% (1.3m ²)
50 mm Cavity & Backing Block	SureCav25	7.7% (6.3m ²)
75mm Cavity & Backing Block	SureCav25	10% (7.5m ²)

EASILY achieve your required U-values, using SureCav25

SureCav can be used with any insulation type that has a robust surface, the below calculations are based on the Kingspan K108

Brick or stone outer leaf - lightweight block inner leaf (0.15) + 3mm skim on 12mm plasterboard			
Overall Cavity (mm)	Insulation (mm)	Clear cavity with Surecav25 (mm)	U-Value (W/m ² k)
75	50	25	0.24
100	75	25	0.18
125	100	25	0.15
145	120	25	0.14

Information from Kings span U-Value Calculator and based on Kingspan K108 insulation board





x77 Lighter than concrete blocks

SureCav avoids having to build an additional concrete-block construction wall, which could require up to 40 tonnes of blocks.



The equivalent wall area of SureCav panels will easily fit into a pick-up and makes it so much more practical for handling around the site, distribution and installation.



Used with all Masonry finishes

SureCav25 and SureCav50 are designed specifically for all external masonry finishes, including brick, block, stone, flint, granite or slate.

SureCav is accepted for use with a block inner leaf, timber-frame construction, as well as SIP, ICF and SFS internal structures.



Wind driven rain - High exposure zones

SureCav25 and SureCav50 will prevent any water ingress from wind driven rain in high exposure zones when building external walls with all masonry finishes.

Maintaining a moisture and mortar-free 25mm or 50 mm clear, dry, vented residual cavity.



Used with Timber/SIP Frame



Used With Block For Render Finish



Used With Brickwork



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SURECAV PRODUCTS



SureCav 25



SureCav50



**SureCav Washers
(For-Timber-Frame)**



Type-W Vent



**Type-W Vent
Extension Duct**

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