

PROTECT THE WALLS

SureCav protects buildings from wind driven rain, one of the most common sources of moisture affecting buildings in the United Kingdom

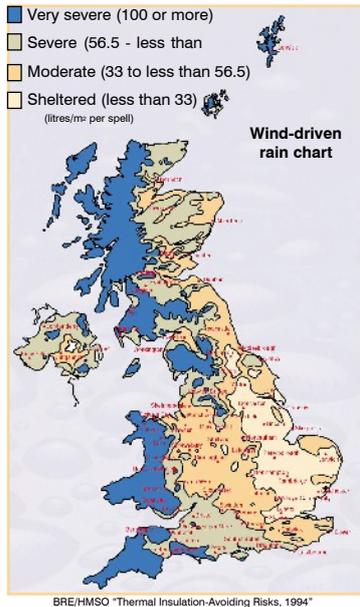
The best of both worlds!

More space in the cavity for insulation
plus
25mm clear cavities in all exposure zones!

Announcing the release of SureCav25!

Order NOW from all builders merchants

The trend being experienced towards wetter weather in the UK means consideration has to be given to protecting the building envelope against water penetration, especially in high exposure zones. SureCav25 is designed to provide an excellent barrier, protecting from wind driven rain even in the severest of weather conditions.



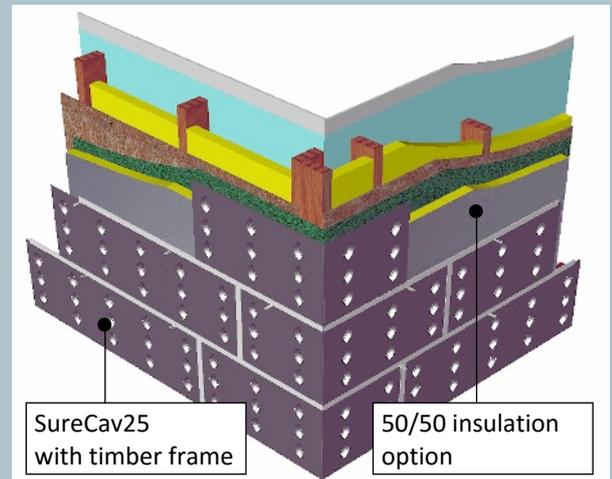
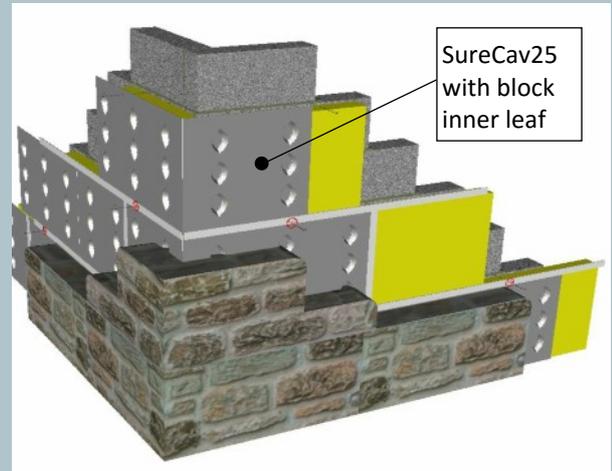
Building on the success of SureCav50, the "wall" of plastic, formed by the SureCav25 panels not only provides an excellent surface for the construction of the outer masonry leaf but shields the cavity and inner leaf from water ingress. The unique shape of the SureCav25 pods directs any moisture to the outside leaf, thus protecting the fabric of the building with a 25mm clear cavity, instead of the usual 75mm required by NHBC in very severe exposure zones. The barrier formed by the panels, locked together by the joining strips, will protect the structure in even the most exposed weather conditions.

Guarantee clean and moisture free cavities with SureCav25!

Consistent clear cavity. The SureCav25 cavity backing system is used to form a consistent clear cavity width in new masonry or timber frame constructed cavity walls of domestic and non domestic buildings and is fully BBA certified. It is our experience that a clear section of the cavity should always be present in the construction of the walls. The 25mm air gap between the outer layer of masonry and the insulation, coupled with the moisture beating design of the SureCav25 panels, will prevent any water penetration. The SureCav25 panels will also hold the insulation in place, adding to its effectiveness in preventing heat loss.

Fixing: Wall ties are used, as standard, vertically every 450mm mortar course. Helical ties are most useful where additional support is required between courses and can be fixed through the flat face of the sheet. For timber frame, it is recommended that sealing washers are screwed into the back of the pods, with or without additional timber frame ties to hold the system in place prior to the construction of the outer masonry leaf.

Discover a better way of cavity wall construction!



Semi-dry stone walling on SureCav® cavity backing board

SureCav25 Properties:

Panel size is 1200 x 450 x 25 (mm)
Integral fold line for forming corners

Suitable for all exposure zones

**CAVITY WALL PROTECTION
BY DESIGN...**



INSULATE THE WALLS

Now drive down U-Values! **SureCav25** allows for more room in the cavity for insulation, thus enhancing the thermal performance of the wall

Experience the Future of Cavity Wall Construction!

All the properties of SureCav50 you've come to rely on... but now just 25mm deep, with a guaranteed 25mm clean and moisture free clear cavity

Example: 125mm overall cavity width, comprising 100mm board insulation and a 25mm clear cavity using **SureCav25**, can achieve U-Values as low as **0.15 W/m²K**.

Announcing the release of **SureCav25!**

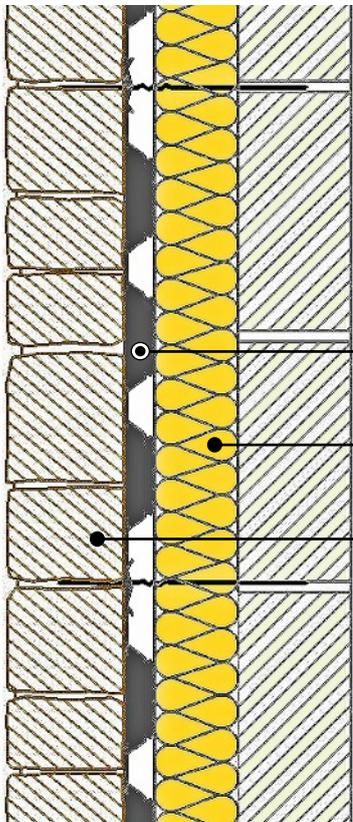
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Insulation Options using SureCav25

Brick or stone outer leaf - lightweight block inner leaf (0.15)
plus 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

* Kingspan Kooltherm K8 Cavity Board



Example:
100mm overall cavity width
75mm insulation
25mm **SureCav25** (clear cavity)
U-Value as low as **0.18 W/m²K**

SureCav25
25mm cavity board

75mm insulation

Natural stone or other masonry

Suitable for all masonry finishes

SureCav25 shown with block inner leaf

The best of both worlds!

More space in the cavity for insulation

plus

25mm clear cavities in all exposure zones!



The new SureCav25 cavity backing board

SureCav25 is a moulded, 100% recycled, polypropylene panel with spacer protrusions, forming a 25mm clear cavity and providing the perfect backing board for the stone, slate, brick and flint outer leaf. It is fully BBA certificated. This cavity protection system ensures clean and moisture free cavities with either timber frame or traditional construction.

Instead of ending up as a landfill or incineration material, SureCav Limited have manufactured an essential building product that shows care for the environment. SureCav25 comes out on top in reducing the Embodied CO₂ (ECO₂) footprint in new buildings, compared to using a concrete backing block.

SureCav25

25mm clear cavity in any exposure zone	✓
Clean and moisture free cavities	✓
Suitable for all masonry finishes	✓
Protects from wind driven rain	✓
100% recycled polypropylene	✓
Shields the cavity from water ingress	✓
More room for insulation	✓
No backing block - wall width reduced	✓
Lowers U-Values with extra insulation	✓
BBA approved certificate 04/4154	✓
Unique pod shape for moisture protection	✓
Incorporated fold line for corners	✓
Ideal for standard construction or timber frame	✓

**CAVITY WALL PROTECTION
BY DESIGN...**

