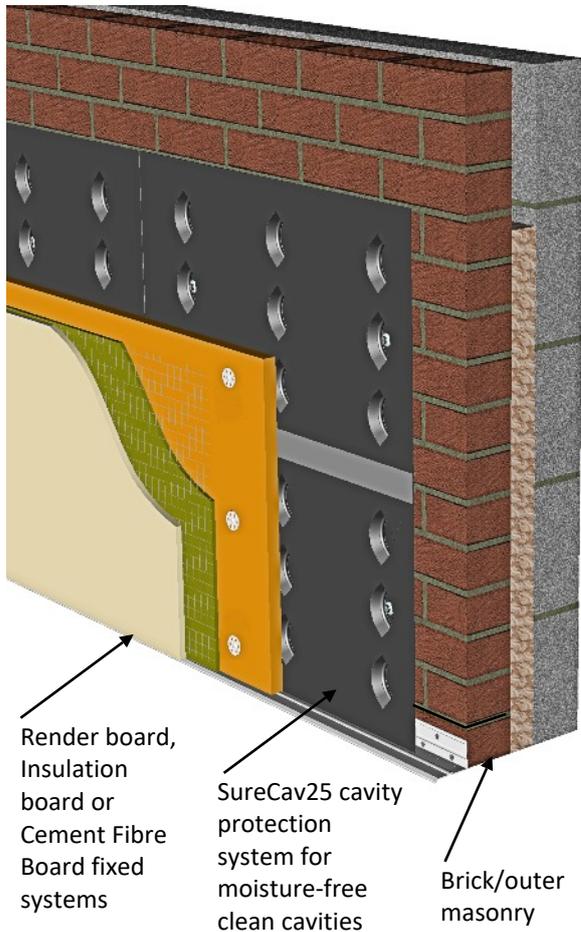


# SureCav25

Working with Retro-fit and  
External render-systems

# SURECAV<sup>®</sup>

Insulate existing cavities  
with confidence!



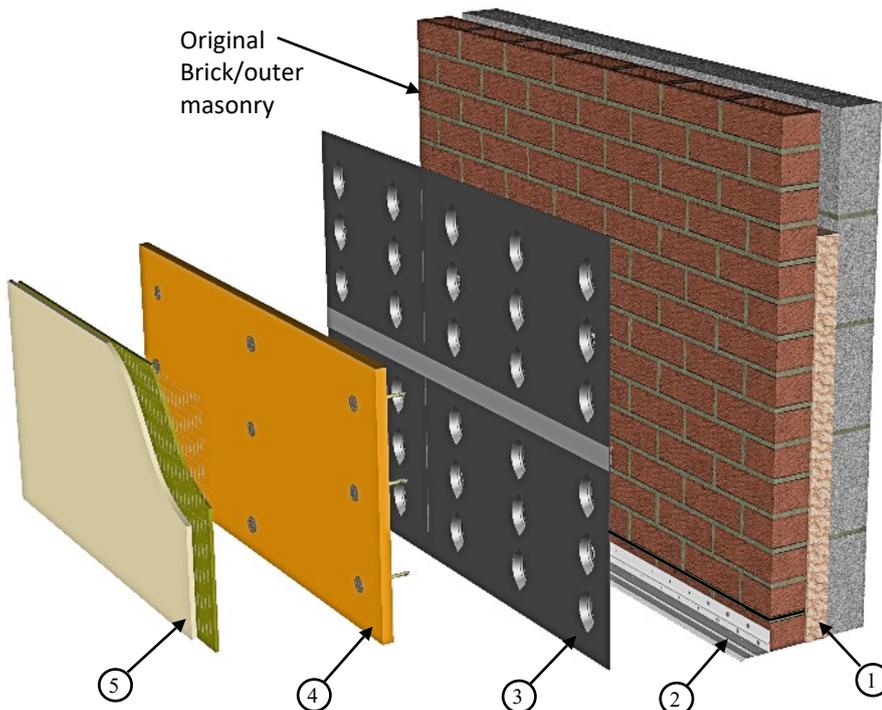
Render board,  
Insulation  
board or  
Cement Fibre  
Board fixed  
systems

SureCav25 cavity  
protection  
system for  
moisture-free  
clean cavities

Brick/outer  
masonry

## Upgrade older housing stock with a proven protection system and use extra insulation if required

- With SureCav25 behind the render-board, a 25mm cavity is created that provides a moisture barrier to protect the existing masonry
- The unique features of SureCav25 form a barrier to wind-driven rain and will further protect the fabric of the building
- The SureCav25 allows the original cavity to be blown-filled yet still ensures there is a barrier that prevents moisture from penetrating across older deteriorating ties
- SureCav25 is made from 100% recycled polypropylene that will last the lifetime of the building
- Full BBA certification confirms the suitability of the SureCav25 Spacer System in all types of building construction



Original  
Brick/outer  
masonry

1. Blow-fill cavity insulation into unfilled cavities of older housing stock if desired.
2. Fit the base-bead securely by drilling and plugging into the existing masonry below DPC
3. Plug and screw the SureCav25 panels to the brick or outer leaf masonry with seal washers through pods. Stagger the joints of the SureCav panels if possible and ensure that the flat face of the joining strip faces outwards
4. The Render board, Insulation board or Cement Fibre Board is now fixed according to the render-system specification, through the flat-face of the SureCav panel into the brick/masonry outer leaf.
5. Apply the render-system in the normal way, incorporating reinforce mesh embedded into the base coat as directed

Render-systems shown for illustrative purposes - always follow manufacturers specification.

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# SureCav25

## Working with Retro-fit systems and additional external insulation

# SURECAV®

Insulate existing cavities  
with confidence!

1. Blow-fill cavity insulation in unfilled cavities of older housing stock.

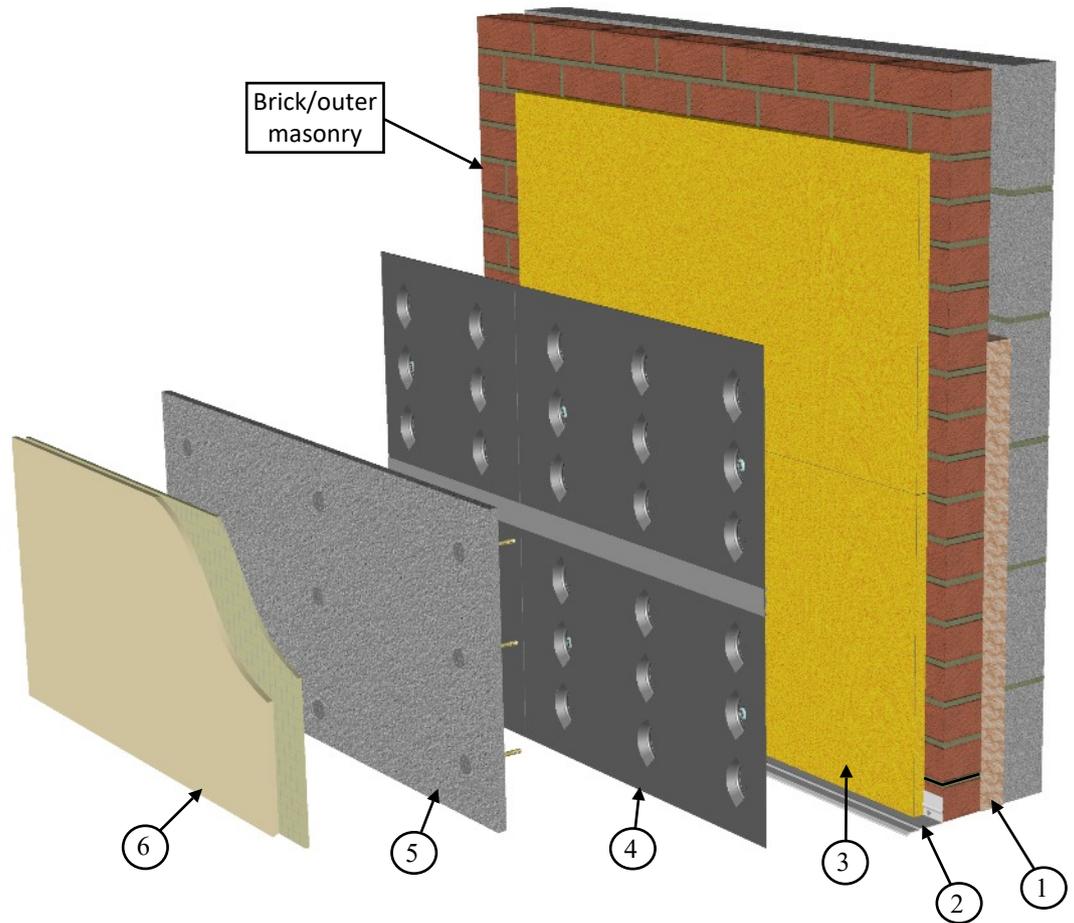
2. Fit base bead below DPC.

3. Add extra insulation against the brickwork if required.

4. SureCav25, plugged and screwed to brick or outer leaf with seal washers through the pods.

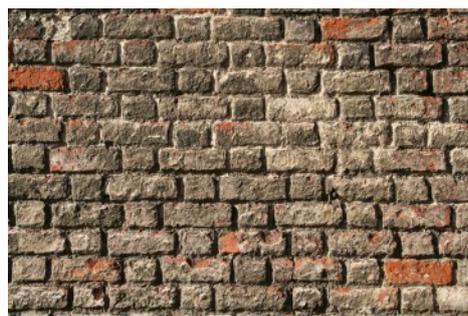
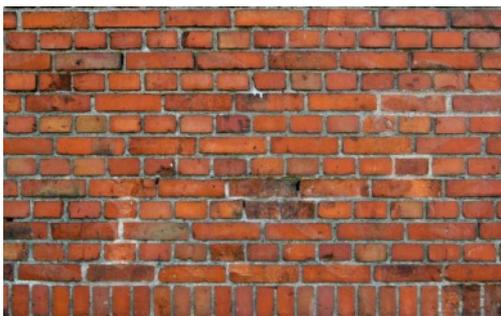
5. The Render board, Insulation board or Cement Fibre Board is fixed according to the render-system specification, through the flat face of the SureCav panels into the masonry leaf.

6. Apply the render-system finishes as directed by the manufacturers.



Render-systems shown for illustrative purposes  
- always follow manufacturers specification.

## Give buildings a fresh, modern appearance!



- Fit SureCav25 behind the render-board
- Guarantees a moisture-free 25mm cavity
- Prevents the transference of moisture to the inner leaf
- Improves the thermal effectiveness, protecting the fabric of the building
- Allows the original cavity to be filled without damp issues

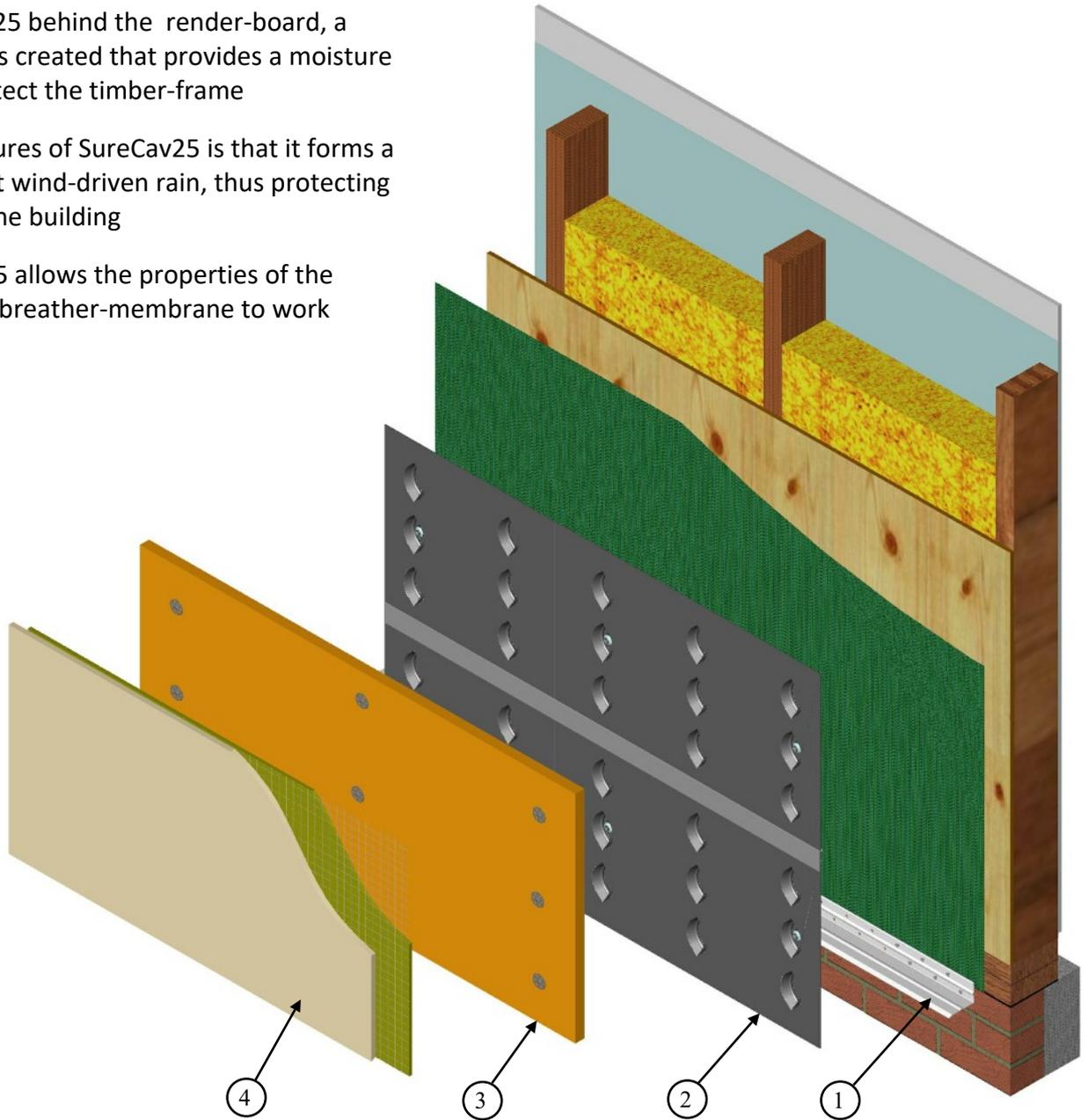
# SureCav25

**SureCav25 enhances the timber-frame or SIPS construction with this proven cavity protection system**

# SURECAV®

**Insulate existing cavities with confidence!**

- With SureCav25 behind the render-board, a 25mm cavity is created that provides a moisture barrier to protect the timber-frame
- A unique features of SureCav25 is that it forms a barrier against wind-driven rain, thus protecting the fabric of the building
- The SureCav25 allows the properties of the timber-frame breather-membrane to work as designed



Render-systems shown for illustrative purposes  
- always follow manufacturers specification.

1. Fit the base-bead below the DPC of the timber-frame
2. The SureCav25 is screwed into the timber-frame with special seal washers, through the pods only.
3. The Render board, Insulation board or Cement Fibre Board is fixed according to the manufacturers instructions through the flat face of the SureCav panels into the timber-frame or SIPS
4. Apply the render-finishes according to the render-system specification.

# SureCav25

Working with Retro-fit and  
External render-systems

The logo for SURECAV, featuring the brand name in a bold, black, sans-serif font with a registered trademark symbol. The text is centered between two horizontal blue bars.

**Form a new protective cavity to improved the appearance of older housing stock!  
Incorporate SureCav25 into current cladding designs for timber-frame builds!**

## Overcome these major problems:

- Deteriorating outer surface and poorly insulated walls
- Porous masonry and mortar allowing water to pass through
  - Cold spots on wall and unexplained patches of damp
- Wall ties rusting, allowing moisture to pass through to inner leaf

### ✓ **SureCav25 creates a natural 25mm airspace**

The old wall cavity can now be safely filled to provide extra insulation without the worry of damp contamination on dirty ties or voids in the insulation process. If the cavity has already been filled with (blown fibre, beads or other), this can now dry out and function properly. The problem of mortar-contaminated wall ties is removed because SureCav25 will create a dry environment!

### ✓ **Wall tie protection**

SureCav25 will fully protect the new cavity from wind-driven rain and provide a barrier to prevent any moisture from penetrating the wall. The existing wall can the dry out, prevent further corrosion to the wall ties.

### ✓ **Heat conservation**

A dry wall with a functioning, insulated, 25mm cavity airspace will reduce heating costs. Internal surfaces will remain dry, preventing mould growth and damp spots.

### ✓ **Fresh external appearance**

With the installation of a unique SureCav25 airspace over the top of a degraded wall surface it is now possible to build a new decorative, waterproof rendered surface.

### ✓ **Breathable walls**

The outer walls should remain breathable. A vented, SureCav25 cavity will be able to 'breathe' and evaporate the moisture, avoiding the problems of interstitial condensation.