

# A Guide to your New External Wall Insulation

**creating a brighter  
warmer future**

Keep this document safe as it contains important information about your newly installed SPSenvirowall external wall insulation system.



Your property recently received an SPSEnvirowall External Wall Insulation system and you should now be enjoying a warmer building and a more comfortable living environment.

You will find that the environment of your home is more balanced and should enable you to turn the thermostat down, lowering your energy bills and CO2 omissions.

When considering any maintenance and repairs to the system, careful thought must be given to safe working access to enable the works to be completed.

## Tips for Residents & Homeowners

You should be able to notice a difference to the internal climate from the very first day your property is insulated.

Once it has been insulated, it is important to understand how to use the heating system and controls effectively to maximise the savings in fuel bills. Should you require any assistance with this, please contact the supplier of the boiler and heating control system or your local heating engineer.

In general, a good place to start is with the thermostat. By setting this at 18 degrees Celsius you can adjust this up or down by 1 degree on a daily basis until you are comfortable with the internal climate. Timers and sensors (i.e. thermostatic radiator valves, TRV's) should also be checked to ensure the system switches off when it's needed to ensure energy is not being used unnecessarily.

You may also find that you do not need the heating to be on for as long as the insulation will help keep the heat in the building maintaining a comfortable level for longer.

## Cleaning Your Insulation System

- Apply suitable protection to neighbouring surfaces and ensure all windows, doors and vents are closed (where possible)
- Working top to bottom apply fresh warm water to the façade to remove surface particles. A stiff brush should be used on heavily soiled areas paying attention not to disturb any aggregates that may be present in the render coating
- If required, a mild detergent or traffic film remover can be applied and washed off
- If required, repeat the above steps

Render coatings will discolour over time and in the case of synthetic renders, the surface can be re-painted using an SPSEnvirowall Nanosil paint to refresh the colour.

## Algal Cleaning

Biological organisms have an incredible ability to adapt to almost any environment.

Biological organisms fall into two main categories, algae (including lichen) and mould. Algae's prefer a very rough surface structure while moulds tend to prefer a smoother surface.

Surface algae can be removed in several ways and it is advised that a small area of the façade which is out of general sight is tested with an undiluted concentration of algicide to assess its suitability.

For guidance on treatment of surface algae, please visit [www.spsenviowall.co.uk](http://www.spsenviowall.co.uk)

## Fixing to the Facade



For new fittings less than 5kg in weight, this can be done using SPS Spiral Anchors that are fixed through the render and sealed using a compressible washer and / or mastic sealant.

For fittings heavier than 5kg, please visit [www.spsenviowall.co.uk](http://www.spsenviowall.co.uk)

## New Extensions

Where an extension is to be added to the original property, care should be taken to ensure any cutting of the SPSenviowall render system is done carefully.

The system should be repaired in a manner that allows it to function in its original design and if needed, new beads and trims added to ensure it is detailed correctly with the new work.

Please contact the original Contractor who can advise on the best way of doing this and also what works are involved.



When using ladders for access, it is important to ensure that the ends of the ladder in contact with the render has a load spreader attachment to ensure there are no pint loads that may damage the render coating.

# General Do's and Don'ts

## Do

- Inspect the system visually twice per year. Looking for damage, cracks delamination or badly discoloured areas. If there is any element that gives cause for concern please contact the installation company
- Inspect mastic seals annually and arrange replacement should they show signs of failing
- Report any damage to the Contractor that installed the system
- Take care when cleaning and only use SPSenvirowall recommended products

## Don't

- Do not install new external fixtures without consulting the installation company or refer to our fixing guide on the SPSenvirowall website
- Do not overpaint using traditional masonry paint
- Never use a pressure washer to clean the render
- Don't use the rendered wall for ball games



Approved Installer