

Inspection

For new fittings greater than 5kg in weight we recommend the use of Fischer Thermax fixings that are fixed back to the main building substrate. These are purpose built fixings that are designed for use in cladding systems and have high resistance to flexing.

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. In some instances, secure anchor points may have been allowed for in the initial façade design and we would advise consulting with the original façade design drawings. In all instances, any access that is required for the works must be in accordance with latest legislation, be installed by qualified personnel and risk assessments completed.

When using ladders, the ladders should not be directly rested on the render coating as this may damage the render coating, even if protected ends are fitted to the ladders. If ladders are used, these should be fitted with a load spreading plate to distribute the weight over the render coating.

Rope access may also be used for carrying inspections and maintenance. When using rope access the operatives must wear soft shoes and walk, not swing or jump down the façade. Care should be taken of protruding elements such as window cills to ensure no risk is presented for damaging these elements or damaging the rope access.

When following this guide it is worth noting that in some sections the guidance may vary dependant on the render finish. It is the responsibility of the reader to ensure the correct guidance is followed for the relevant render finish.

General Do's and Don'ts

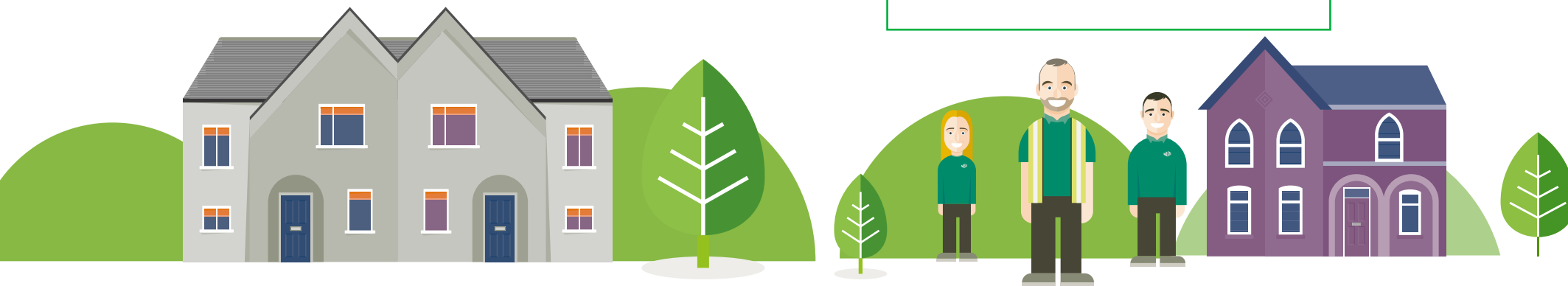
DO...

- 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 Contractor



creating a brighter warmer future

A Guide to your New External Wall Insulation

This document contains important information about your newly installed SPSEnvirowall external wall insulation system.



Your property recently received an SPSenviowall 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 emissions.

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 SPSenviowall Nanosil paint to refresh the colour.

Algae 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

External Fixtures

Careful consideration should be given at design stage for any external fixtures and fittings to ensure suitable support grounds are present. External fixtures and fittings include, but are not limited to the following:

- Satellite dishes and brackets
- Lighting
- Washing lines
- Hanging baskets
- Fence and gate posts
- Door bells
- Porches
- Telephone lines



Should a new fixing point be required after the application of the ETCIS system SPSenviowall recommend two types dependant on the weight of the new fixture and fitting.

For new fittings less than 5kg in weight use SPSenviowall spiral plugs (ESPDU). The fixings are installed using hand tools only and are screwed into the render coating taking care not to over tighten. A mastic bead must be used on the final thread of the spiral screw to seal the fixing. When used in polymer renders, it may be necessary to drill a 3mm pilot hole first. A traditional external grade screw can then be used for fixing the new external fixture back to the spiral screw head.

