



A division of Kishorn Specialist Contractors Ltd

Icynene Insulation - New Build Installations

Scheduling the Installation

You will have arranged a provisional installation date with one of our surveyors. We will endeavour to meet these dates but occasionally jobs can over run; in this case we will notify you or your site representative of any postponement and arrange the next available date. The time of arrival on site can only be approximate, depending on the proximity and availability of our spray rigs but we will endeavour to keep you informed of any delays incurred along the way.

The agreed price is based on works being carried out in one visit. Additional visits will incur a £340 re-mobilisation charge unless by prior arrangement with Kishorn Insulations.

Before our Arrival

Detailing of timber framing should be as agreed with the architect/contractor. All timbers, including sarking, must be dry and the structure wind and watertight. All window and door units must be in place. In certain circumstances, and depending on the construction schedule, it is possible to install windows and doors after we have insulated but in this case particular attention must be paid when fitting in order to maintain the air seal to the building.

Where there are other contractors working onsite, all tools and equipment must be cleared from the area. If necessary, tools and materials can be moved to a central location and protected with dust sheets; however there should be adequate space from external walls, approx. 1.5m, if they are to be treated.

Correct preparation will ensure that all areas can be sprayed efficiently and effectively and avoid problems during installation.

Sarking is commonly installed with a gap between the boards; as a minimum there must be breather paper in place to allow our installers to mist over the sarking and create a seal. Ideally the finished roof covering e.g., slates or tiles, is installed.

Our spray rigs are made up of a generator and trailer unit. A clear parking zone and suitable turning space must be designated close to the point of access to the building before arrival; this bay should be 15m long, but if circumstances dictate the rig may be split as necessary. Our surveyors will have discussed and identified suitable access arrangements prior to scheduling.

On Arrival

On arrival, our installers will park up the rig and couple the generator. The drums containing the material components are required to be heated to a high temperature before spraying can commence; this may take 2-4 hours, depending on the ambient temperature and residual heat in the drums. This gives our installers valuable time to inspect the job, plan out the hose routes and determine the spraying sequence. It is important that they explain and agree the scope of works as set out in the Job Sheet with the site representative. *If there are any significant discrepancies these should be indicated to the installers who will then seek approval from Kishorn Specialist Contractors.*

Kishorn Insulations agrees to mask and protect any glazing and framing of windows and doors (unless by prior agreement). Any finished walls, floor surfaces or exposed beams will also be masked. Our surveyors can advise on what will need to be protected. Icynene is applied in the form of a spray which rapidly expands to many times its original volume; whilst we do want the material to stick to the substrate, overspray can and does occur and the resulting fine mist can leave deposits. Once it dries it can be extremely difficult to remove. All onsite trades must leave the masking undisturbed while the job is completed.

Our installers will inspect any masking where it is done by the client or contractor and make good where necessary. We will not be held responsible for any damage done from overspray where there has not been adequate masking by the client.

It is important that a named site representative is on hand at the time of arrival in order to communicate any adjustments to the scope of work.



Before the installation

If required, temporary ventilation will be provided and access platforms will be set up. Any appropriate signage and protective ramps will be positioned and the hoses and air lines will be fed to the building.

Our installers use full face breathing apparatus while the Icynene is being applied; please do not obstruct or place machinery in close proximity to any air intakes.

It is important for our operatives to liaise with any other trades who wish to continue work onsite if necessary. The installation process generates a lot of heat and concentrations of chemicals are released. These react and are fully consumed within 30 minutes of spraying; during this time it is advisable for unprotected workers to remain outside or in another part of the building, at a distance of 8m minimum. There will be a residual odour which will be undetectable after 24 hours.

During the installation

Throughout this process, our operatives will:

- Wear the required personal protective equipment
- Mix the materials following Icynene guidelines
- Ensure any temporary ventilation is working
- Take into account the temperature (especially if extremely hot or cold) and other conditions
- Ensure the substrate is ready to be sprayed on, and “flash” some substrates with a thin layer of foam in very cold weather.
- Spray the agreed areas, trim where required and prepare the waste product for removal

On completion, they will

- Check that the insulation has been properly installed
- Open up the area, remove the ventilation equipment, and allow access
- Request that the designated site representative signs the completion notice to indicate that the job has been carried out as agreed and to specification

Note:

Any areas outwith the original work order requesting treatment must be indicated as soon as possible to the installers who will then contact Kishorn Specialist Contractors to request the necessary authorisation to proceed.

When your installation is complete, if requested we will arrange the 25 year product warranty through Icynene and documentation will be forwarded to you in due course. In the rare event that there is an installation problem, Kishorn Insulations will endeavour to make it right in accordance with the terms of the warranty.



Branded out framing



Flush fill to brander



Installation



Floor before trimming



Floor after trimming



Untrimmed foam to studs



Barrel roof



Roof installation



Encapsulating MVHR ducting



Spray to brander



Before trimming



Fully trimmed