



LEKATM

ROOFING EXCELLENCE THROUGH INNOVATION



The Leka System

The Leka System has been engineered through innovative methods, highly technical design protocols and practical experience to create probably the best conservatory roof system in the World currently.

The Leka System is a truly lightweight tiled conservatory roof system (no smoke screens) and with an overall U value of 0.15 it currently dominates our marketplace . We do not brand the new LEKA System as a lightweight energy efficient roof system, without having the facts to back it up, whilst subsequent competitor products actually weigh nearly double that of a traditional glass conservatory roof and have lower U values.

Do not just take our word for it, compare the facts?



Why Choose a Leka System?



Glass reinforced plastic

Using GRP or glass reinforced plastic allows a structurally tested, lighter alternative to aluminium and timber when providing the main structural roof rafters. GRP is not at risk of sweating /condensation or cold bridging like aluminium. Nor is GRP open to wood worm, moisture absorption or potential rotting such as timber. The Leka System Structural profiles are manufactured and comply with BS EN13706.



Improved efficiency

Having a load bearing structural insulated and weatherproof outer sheet allows the use of less roofing bars and so our roof bars can be spaced further apart which reduces weight and also improves energy efficiency levels.



Truly lightweight

A truly lightweight tiled conservatory roofing system (no smoke screens). We do not brand the new LEKA System as a lightweight roofing system without having the facts to back it up, whilst other products/materials actually weigh nearly double that of a traditional glass conservatory roof.



Better lifespan

Using either a Metrotile lightweight sheet for your outer finish of your new sunroom or a Tapco slate alternative you can rest assured that the product provides a better lifespan to a heavy alternative tile and is lighter than that of concrete or traditional slate.





No outer plywood needed

Removing the usual need for an outer plywood material which again is open to deterioration over a period of time and replacing with the new LEKA structural, 100% weatherproof, lightweight and insulated boarding system reduces the overall weight of the roofing system and improves the overall U values of the finished product.



Leka insulated board

With our own Leka insulated finishing board replacing the need for plasterboard as the internal finish prior to plastering, this new innovative board is a third the weight of a plasterboard and insulated at the same time.



Industry leading U value

The Leka System has an industry leading U VALUE OF 0.15, Making the Leka System virtually unbeatable in its Market. Unlike competitor systems achieving only a U value of 0.18, we do not just add excessive quantities of thick insulation to overcome thermal bridging/conductivity issues when using Aluminium, or moisture absorption when using Timber, our system is engineered much better. Every layer and product element is implemented to not just suit its primary purpose, but to be more insulated naturally and have no thermal conductivity elements, making the Leka system one of the most superior systems in the world today.





More innovation – less complexity

With innovative products throughout and combining insulated sheets with Celotex insulation the LEKA system has less elements to install onsite which speeds up your installation timings with average installation only taking 2-3 days including removal of your old conservatory roof.



Within 30-40kg of a traditional glass roof

Average Leka system roofs weigh within 30-40kg of a traditional glass conservatory roof which allows (in most cases) your existing conservatory frames to take the weight of your new Leka roofing system.



Roof Shape & Design

Although the Leka System has a number of important and highly engineered layers, the finish outside and inside are still very important.

The Leka System has been engineered in such a way that any existing conservatory design or shape can be replaced/installed with the Leka System Lightweight Tiled Roof.



Be Safe!

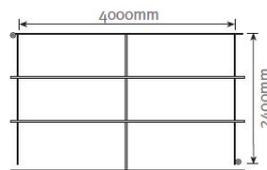
There are no restrictions other than the pitch of the roof to be installed as well as what lies beneath your existing conservatory roof and this is governed by the rules of physics. We at Leka Systems have seen every type of roof structure you can image over the years and also some roofs that are simply un-safe, due to the pitch and construction. With this in mind, all of our UK retailers, Manufactures and distribution partners have strict survey guidelines issued to them before installing any of our systems we provide to them



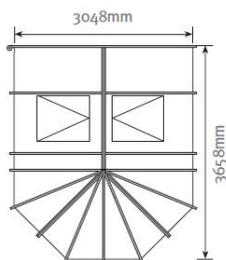
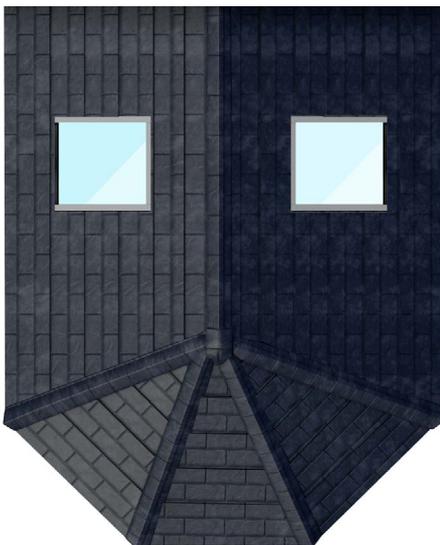
Conservatory roof styles

Illustrated below and on the next page are just a small variety of roofs that can be installed with the Leka System. This is simply a guide only and be assured that any other roof design you may have can be replicated with our unique system.

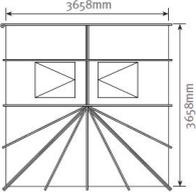
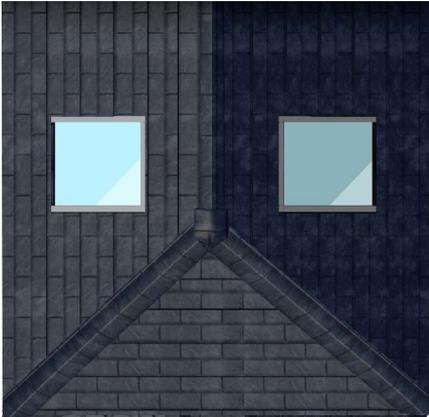
Gable Ended



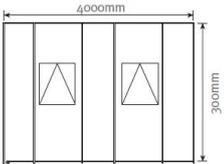
Victorian



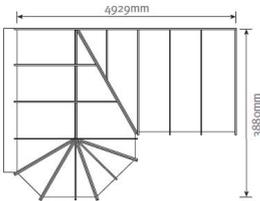
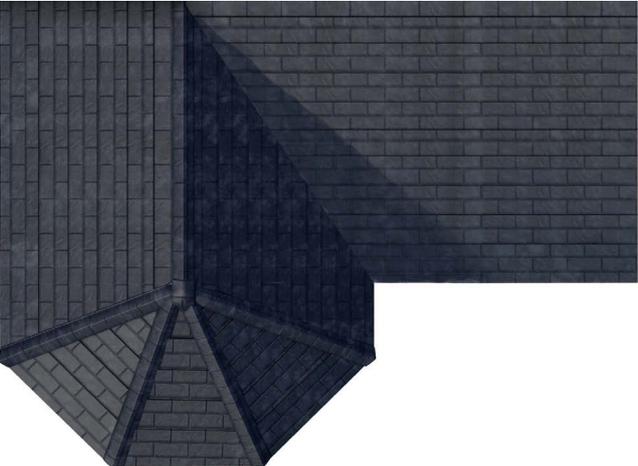
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Lean-to

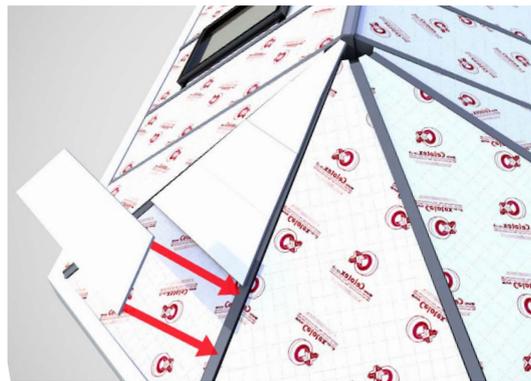
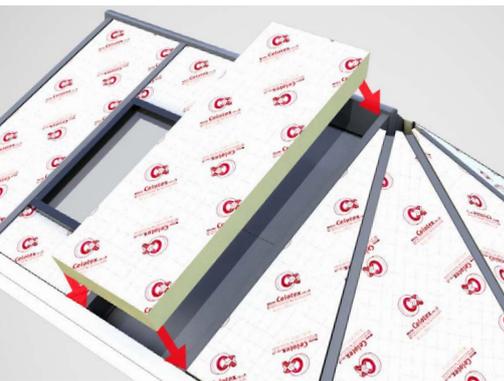
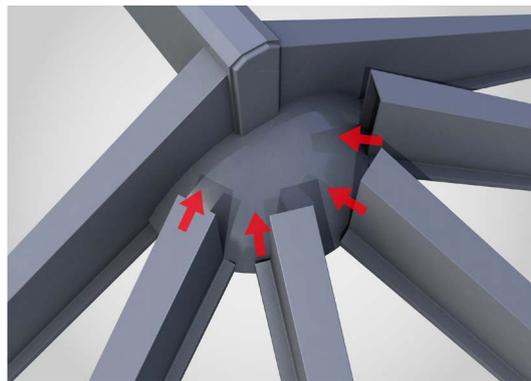
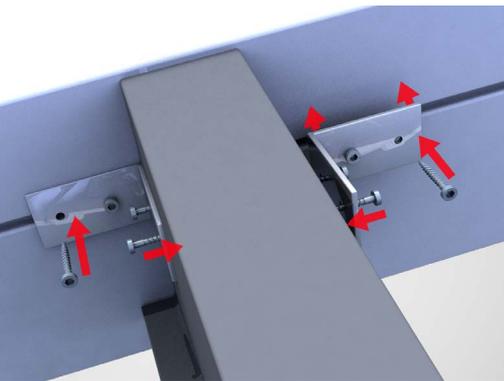
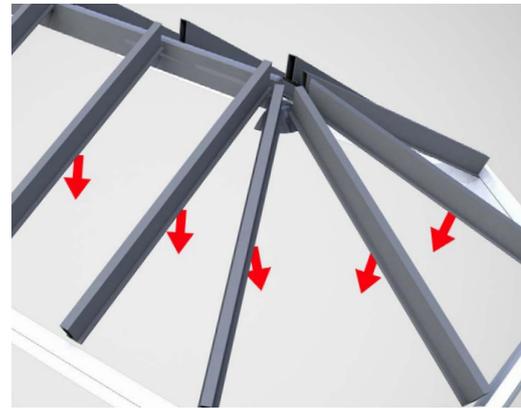


Combination



The Leka System in Simple Steps

A simple guide on how the Leka System layers are put together.



Gallery

Your Leka roof will not only save on your energy bills and reduce your costs but will also look good all year round.



Certifications

At Leka systems, the entire team aims to deliver outstanding customer satisfaction as well as the most technological development in the conservatory roof market for over 25 years. With this in mind we only affiliate ourselves with the very best and most respected consumer organisations and industry related certification bodies the UK has to offer.

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