

Steel Rainwater System



10 Facts

you need to know about our
low carbon rainwater system



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Steel's superior quality and green credentials speak for themselves

When it comes to specifying and installing a new rainwater system, the facts speak for themselves: You could choose PVC. But aside from environmental concerns, it will suffer from thermal movement and leaks, needing major repairs or replacement in only a few short years and ending up in a skip awaiting landfill. The other two alternatives are aluminium and cast iron. Whilst neither suffer from PVC's environmental problems, they are both more expensive than steel. And in the case of cast iron, the weight issue makes fitting difficult and expensive.

With steel, you are getting a cost-effective solution; about the same price as a mid-range PVC system. And a completely environmentally friendly installation that is 100% recyclable. To add to this, you will have a rainwater system that is simplicity to fit and will last for decades.



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1



A more environmental focus

When choosing steel for a rainwater system, you are choosing a long-term and environmentally friendly system. Lindab's Rainline system is made from recyclable sheet steel; the main raw material is completely 'green' and has a natural place in today's approach to sustainability.

Our rainwater systems adhere strictly to our own environmental policy with the goal of 'minimum possible environmental impact for long-term sustainable development'.

Our environmental work focuses on maximising the use of raw materials, components, energy, packaging and transport. Today, 90% of Lindab's business is certified to ISO 14001. So when you choose Lindab, you are choosing a rainwater system with the lowest environmental footprint on the market – and that is a fact.



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2

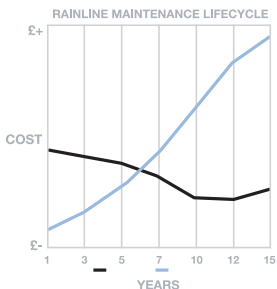


Some Rainwater systems don't grow old gracefully

We've all seen it, downpipes with broken joints, cracked guttering and snapped brackets. The results are all too clear, with damp patches and expensive repairs. This problem is particularly prevalent here in the UK, with so much use of plastic drainage systems. The weight of snow or moss build-up breaks the guttering brackets and as the pipes age they move and crack, allowing leakage and brickwork damage. Because plastic is UV unstable after a few years, it becomes unsightly and brittle.

There are alternatives; cast iron or aluminium for instance. However, the first has a weight problem and both are comparatively expensive. Lindab Rainline is comparable in cost to mid-range plastic systems and offers minimal movement and UV stability, and will not crack, fade or leak. It is highly resistant to corrosion, virtually maintenance free and vandal-proof.

In fact, the Rainline steel rainwater system is fast becoming the system of choice for many Local Authorities and Housing Associations.



3

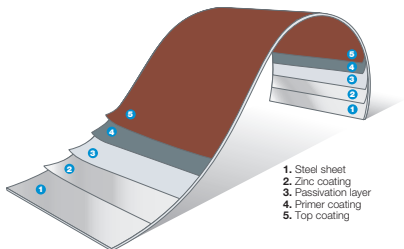


Rainline gives a much longer lifespan

Lindab Rainline offers the highest quality when it comes to combining durability, flexibility and ease of installation. This system has been developed by professionals and over time it has grown to become the top choice of tradesmen and DIY enthusiasts alike, due to its hardwearing properties which ensure decades of performance.

To provide long-term life, the steel is rustproofed by a 275g zinc coating. This galvanised coating is naturally self-healing; any scratch or cut is automatically sealed by zinc ions which migrate to re-coat the uncovered steel.

Lindab Rainline is manufactured from up to 30% recycled material and is itself completely recyclable. The integrity of the system will last in excess of 70 years – so no need to worry about costly disposal problems or the likely impact on the environment.



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LINDAB RAINLINE COLOUR OPTIONS

Lindab Rainline is available in plain uncoated galvanised and aluzinc finishes or from a choice of ten different colours. Each is coated with extra durable highbuild polyester paint for an attractive and elegant look. For a totally individual look Lindab Rainline can also be supplied in natural copper.

Copper Metallic RAL 8003		Antique White RAL 9002	
Tile Red RAL 8004		Black RAL 9005	
Dark Red RAL 3009		Silver Metallic RAL 9006	
Anthracite Metallic RAL 7037		Brown RAL 8017	
Pine Green RAL 6020		Dark Grey RAL 7011	

Coated-steel colours are UV stable and will not fade

Lindab Rainline is made from galvanised steel sheeting and to provide durable rustproofing it is coated with zinc. This self-healing system is available in ten distinct and subtle colours. Mixing and matching these is easy. Either discreetly to complement the overall colour scheme of the house, or boldly to create accents of colour.

The colour palette ranges from a natural anthracite or silver steel finish to subtle greens, reds, copper and brown. Of course, if you want a more traditional finish, you can always choose black or white. But with so many colour options, why not match dark red drainpipes to a white stucco facade? Or mount exclusive copper metallic pipes on a grey stone wall. Or mix tile red gutters with white pipes to match the respective colours of the roof and paintwork.

These are the types of colour combinations unavailable with other types of rainwater systems, like plastic or aluminium. And all coated Rainline systems are guaranteed for up to 15 years.



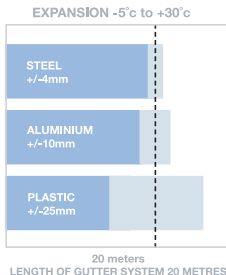
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Strong as steel

Steel is the roof drainage system that offers the highest quality when it comes to combining durability, flexibility and ease of installation. Steel is strong, versatile and durable, but it needs to be processed professionally. Lindab buys more than 200,000 tonnes of steel every year; that is equivalent to what is needed to manufacture about half a million cars. With this much experience, it is clear we know what we are doing.

Steel has proven itself to be the material of choice, particularly in harsh climates. Scandinavia, for instance, has embraced steel rainwater systems because of their strength and durability. Lindab's market presence now covers 128 locations in 31 countries, with over 1000 distributors, covering Europe and the USA. Rainline's hardwearing properties ensure decades of performance without rusting or leaking. The system has been developed by professionals for professionals, who recognise that steel is the ultimate material for roof drainage systems.



6



Steel has the lowest carbon footprint of any rainwater material

A greener effect on today's environment

Steel has the lowest carbon footprint of any rainwater material, which means over the entire life cycle of Lindab's Rainline products they represent the greenest, 'cradle-to-grave' impact on our environment.

Lindab's carbon footprint impact is based upon an assessment study, covering the entire life cycle of seven different materials used in rainwater production and the impact of raw-material extraction, production use and disposal. This 'cradle-to-grave' study includes all steps up until a product leaves the factory gate: direct emissions, fuel used during transport and production emissions, and secondly, life cycle and disposal are all taken into consideration.

In the UK, PVC or plastic rainwater systems have become the most popular, even though plastic has the highest carbon footprint and tends to discolour, becomes brittle and is not inherently rigid. In fact, the chemical building blocks that have made plastics so versatile are the same components that now harm our environment. Over 300 million tonnes of plastics are now produced worldwide, with the disposal contributing to an array of environmental and even health problems. With this in mind, steel is being specified more and more. Lindab's recyclable steel is the material of choice for today's built environment.



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7



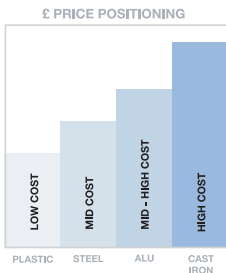
A more competitive choice

Because Lindab Rainline is the roof drainage system that offers the highest quality and longest lifespan, it is only natural to think it is also one of the most expensive systems on the market. But this is not so!

The Rainline system is the competitive choice when compared to leading plastic systems – and is actually inexpensive compared with aluminium or cast iron. In fact, in comparison with aluminium and cast iron, Lindab steel guttering is cheaper, lighter and much easier to install. Aside from the environmental concerns about PVC rainwater systems, cost is always a major constraint. So it's refreshing to see that the most environmentally friendly choice is also the most competitive. But the competitive choice of steel doesn't end with the price. With steel you get a more stable and long-lived installation, with a guarantee of 15 years on coated products, in fact the steel itself has a lifespan of up to 70 years. Installation and fitting is made simple and fast, with snap-on outlets, clip together pipe holders and adjustable smart

brackets, giving you further savings on time and labour.

The case for steel, against PVC is growing.



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8



Just click, fit and forget it

Lindab Rainline is easy to install for professionals and DIY enthusiasts alike: the components fit easily together, without glue, sealants, putty or tapes. All you need is the minimum of tools – a hacksaw, pliers, screwdriver, hammer and a rule.

Before starting an installation, take your measurements to your local dealer, who will help you to pick out all the components you need. We have a comprehensive assembly manual which you can either pick up or download from our website at www.lindab.co.uk.

You will find gutters and downpipes in several dimensions and an extensive range of components, offering solutions for any type of building, large or small, classic or contemporary. Every component of the Lindab Rainline system has been designed to make assembly and fitting easy, where every part slots into the next to give a perfect fit. Once your system is mounted, there will be no reason to replace it – unless you want to facelift your home with a new colour. Thanks to its smart design, hand-in-glove fit and overall quality, your Rainline system will look good for decades to come.



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Steel is specified in 90% of Swedish buildings

The weather in Sweden is influenced by its proximity to large bodies of water. As a consequence of lying near seas, like the Gulf of Bosnia, a maritime type of weather prevails. However, the weather conditions that exist in the north and south of Sweden are very different. Winter is longer in the north, lasting for 7 months as compared to 2 months in the south. But the overall temperature remains cold. So it is not surprising that Swedish builders and architects have always sought the best materials to cope with these changing weather conditions.

Steel is used in a variety of ways throughout the building process, from roofing to ventilation to rainwater systems. In fact, steel is used and specified in 90% of Swedish buildings and homes. And it is not hard to see why. Steel is strong, robust and durable, easily standing up to extremes in weather, like heavy snowfall and constant rain.

Lindab's steel rainwater system has been designed and manufactured to cope with Swedish weather, extensively tested to offer the best rust-free installation and to last for decades. So if Rainline can cope with the extremes of Sweden, imagine how well it will perform in the UK.



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10



Steel - it's the future

Steel is now specified for an unlimited range of building solutions, from complete turnkey buildings to minor components. It offers an unlimited range of economical, functional and environmental construction solutions. Lindab's steel building components range from ingenious systems for roofs, to walls and rainwater guttering.

These innovations are creating a demand for steel durability here in the UK, where other materials like plastic and aluminium once ruled supreme.

Steel is now making big inroads into the rainwater systems market, particularly plastic, where Rainline is now seen as a major competitor, both in price and ease of installation. However, steel leaves plastic standing when it comes to product quality, longevity and durability. Where plastic can crack and discolour after only a few years, Rainline remains tough and hardwearing, which ensures decades of performance.

A policy of continual research and development, led in many instances by customer feedback, ensures that the Lindab Rainline system will reflect the needs of the specifier, installer and end-user, now and into the future.



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We're here to help you make the right decision

Along with the hardware components, Lindab Rainline offers an abundance of documentation, advice and software tools for installers as well as architects, engineers and consultants. Our team of Area Managers can give you full technical support as well as product demonstrations, seminars and CPDs to enable you to make the right decision.

We can normally deliver all standard items within 3-5 working days, direct from our Midlands distribution centre. We also have a database of approved distributors across the UK who can help with orders, quotes and visits from our Area Managers.



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