

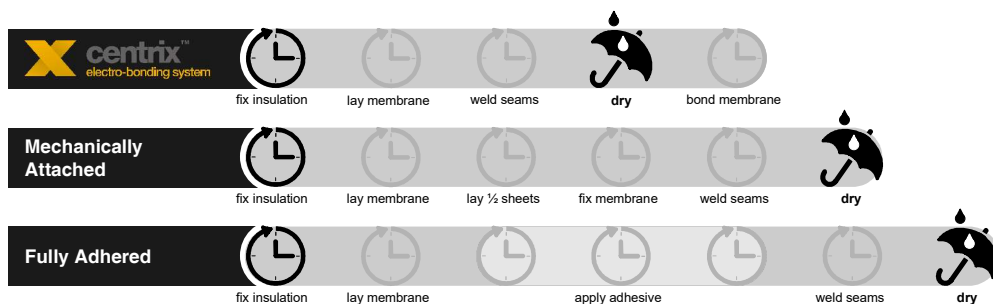
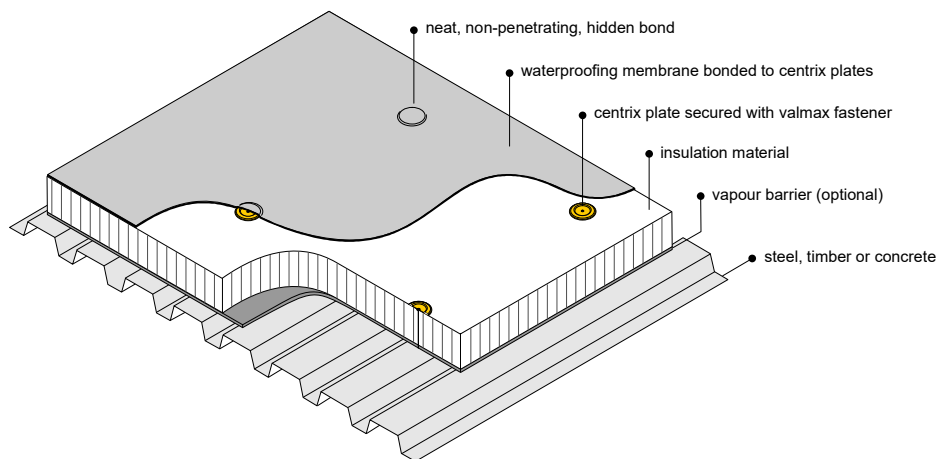
Maximise productivity, performance and value

Our ground-breaking Centrix system bonds industrial fabrics across many applications in construction and beyond. For roofs, it secures insulation board and single-ply waterproofing membrane quickly, effectively and affordably. Dual-function fasteners mean fewer seams and no piercing of the membrane – with outstanding wind uplift resistance. All while minimising labour and material costs.



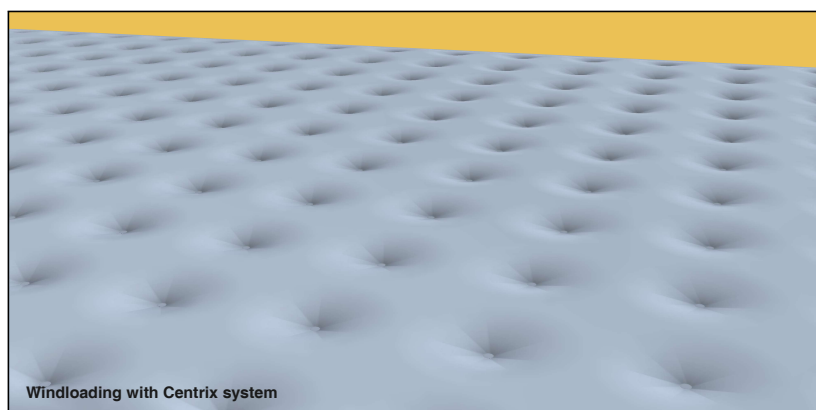
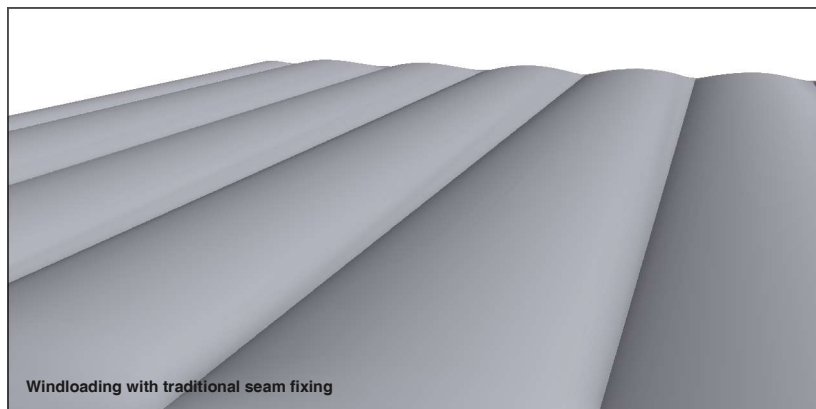
Productivity in faster, more efficient installation

- Our dual-fix system saves valuable time**
 One Centrix fastener does the job of two traditional ones. Our adhesive-coated metal plate fixes the insulation board to the building structure and – when heated with the Centrix induction tool – bonds to the overlying membrane. So installation is much faster, cheaper and cleaner.
- Using wide membrane saves yet more time**
 Unlike standard seam-fix methods, Centrix doesn't require narrow or half-width sheets of membrane around the roof perimeter. You can use the widest sheets available across the whole area, covering the roof more quickly.
- Fast dry-in time keeps the whole project on schedule**
 Because Centrix speeds up membrane installation, the time between starting a job and making it waterproof is reduced dramatically. So when there's contractual pressure to make a building watertight for other works such as electrics, this system helps keep the programme on track.
- Our versatile tool is easier to use in all situations**
 We've designed our lightweight, multi-format bonding tool to be easy to use in all construction scenarios – in small spaces, around tight edges and on vertical surfaces – whether you're kneeling or standing. So again, you're saving time. Our tool also works with both foil-faced and non-foil-faced insulation boards, and with all membrane types: PVC, TPO, FPO, TPE, PP and EPDM.



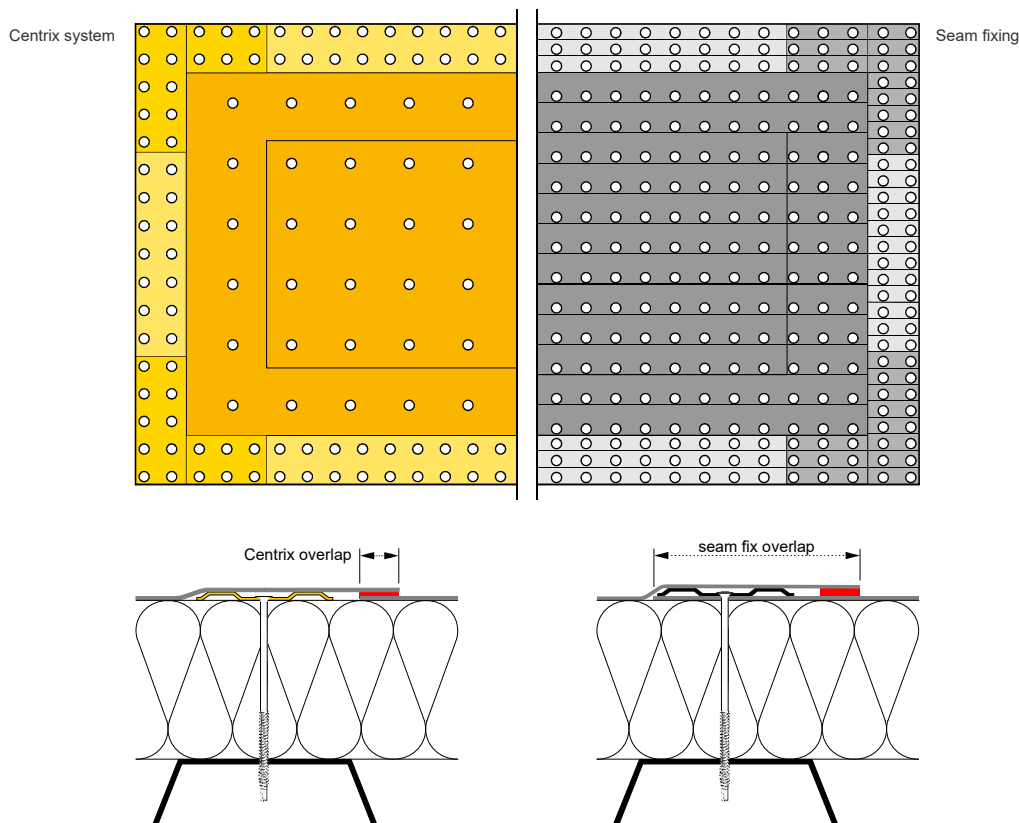
Performance for peace of mind and lasting results

- **Even fastener distribution balances wind load and prevents roof flutter**
Where traditional methods force you to fix the membrane along the seams – causing the membrane to billow in high winds – Centrix lets you position the fasteners in an even pattern. This balances wind-load distribution, keeping any billowing to a minimum and preventing membrane flutter. Which reduces membrane fatigue and fastener loading, enhancing long-term performance.
- **Superior wind uplift resistance**
Thanks to the even fastener pattern you can create with Centrix – and thanks to the sheer strength of our bond to the membrane – you can achieve outstanding wind uplift performance, with fewer fasteners than with seam fixing.
- **Fewer fasteners mean less thermal bridging and reduced risk of corrosion failure**
Requiring a smaller number of fixings than traditional methods, the Centrix system causes less heat to be lost through the roof. And, as well as this thermal efficiency, fewer metal parts means less chance of corrosion problems.
- **Non-penetrating system prevents weaknesses and leaks, and improves appearance**
With Centrix, no fixings pierce the membrane, so you avoid any related risks of weakening the material or creating leaks. Also, because our system uses wide membrane and hidden bonded fasteners, you remove the need for messy joins and overlaps in the membrane, giving a tidy, smooth-looking roof.
- **Safety and reliability are built in**
Our induction bonding technology is proven to be safe and reliable. And, unlike some other membrane attachment methods, it doesn't use adhesives – so there are no fumes or unpleasant odours, and none of the chemicals that can affect projects at sensitive sites such as schools and hospitals.



Value created through multiple savings

- **Quicker installation means cheaper installation**
With fewer fasteners and wider membrane, the time you save with Centrix can reduce labour costs significantly.
- **Using less membrane saves cost and waste**
By using a smaller number of wider membrane sheets, and by removing the need to cover seam fixings, you have fewer – and narrower – overlaps. This brings considerable savings in material, and minimises waste.
- **Fast dry-in time helps build business**
Completing contracts early, allowing other essential works to start on high-pressure building programmes, can only enhance your reputation – and your chances of winning future contracts.
- **Quicker completion speeds up return on investment**
Whatever you need to invest in tools and equipment, the speed of the Centrix system means you see a return sooner.



All these benefits are just the beginning...

Centrix is proven to maximise productivity, performance and value in roofing and other construction applications – and it also offers broader possibilities. Wherever plastic sheeting or similar materials need bonding neatly and securely to other components, this non-penetrating system provides a fast, cost-effective way to achieve outstanding results.

Contact us to find out more about Centrix and its range of applications.

Centrix system components

Centrix electro-bonding Tool

Portable hand-held induction heating tool for bonding single-ply membranes to a sub-structure using Centrix plates, fasteners and accessories.



Centrix Plates

Range of special heat-activatable adhesive coated metal plates used with Centrix tools to mechanically fasten insulation and PVC, TPO, FPO, TPE, PP and EPDM waterproofing membrane.



Centrix Thermo Pad

Protective pad for using Centrix with heat sensitive XPS/EPS insulation materials.



Centrix Tool Holder

Portable mechanical device enabling the Centrix electro-bonding tool handset to be easily and accurately operated from a comfortable standing position.



Centrix Tubes

Range of plastic telescopic tube fasteners to minimise thermal bridging. With waterstop plugs.



Centrix Magnet

Powerful magnet used to clamp membrane against the plate after heating, for maximum bond quality. With a range of handle accessories.



Valmax fasteners

Range of carbon steel screws for mechanically fastening Centrix Plates and Tubes to steel, timber and concrete substrates.

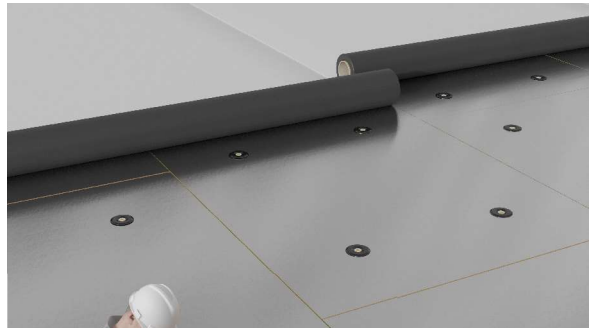


How it works

1 **Step 1:** Centrix plates and fasteners are used to fix the insulation board down in an even pattern all over the roof.

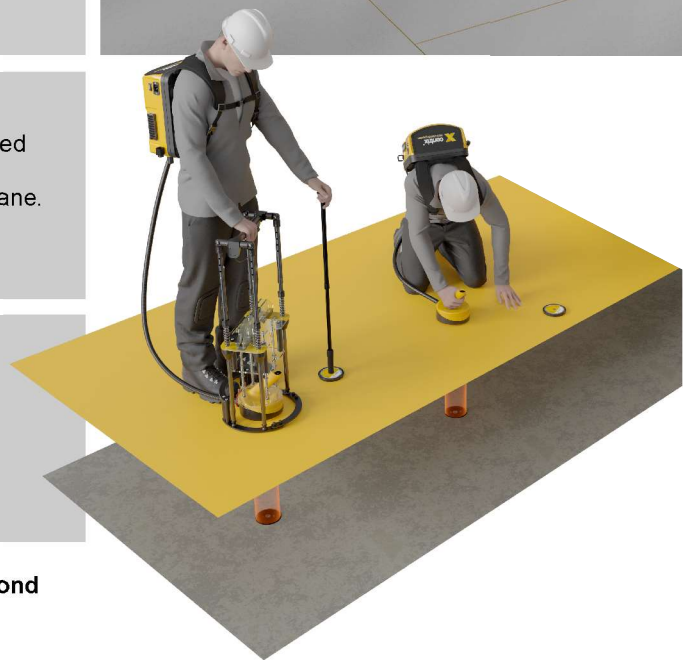


2 **Step 2:** Clean membrane is rolled out over the plates and seamed. No seam fixings are needed with the Centrix system.

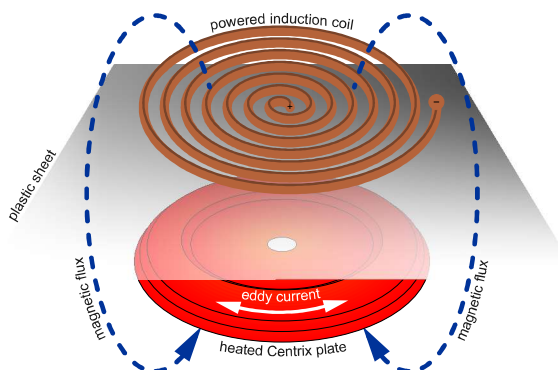


3 **Step 3:** Centrix electro-bonding tool is then used to locate each hidden plate and apply rapid induction heating to spot bond it to the membrane. It only takes about 5 seconds.

4 **Step 4:** Quickly put a Centrix magnet on the bond for a short time to ensure the membrane is clamped firmly to the plate, until cooled.



It's fast and simple - resulting in a strong, invisible bond



what is induction?

electromagnetic induction energy passes invisibly through the membrane to generate intense heat in the hidden plate located within its focal zone, which then activates the bonding process. The tool remains cool during this process.

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GET IN TOUCH...

**if you want to maximise
productivity, performance
and value with Centrix**

Sales Partners

No matter what you need, our UK team can help you quickly. But we know it's easier when things are local, and this is why we are working hard to grow our international network of sales and support partners dedicated to help you with our products. More information will be announced soon.

Interested to become a Valro sales partner in your country or region? Then please contact us.

