

Don't replace it, we can Repair it!

CRYSTAL CLEAR
W I N D O W W O R K S
AUTHORIZED DEALER

This amazing system is considerably cheaper and more environmentally friendly than replacing your old sealed units. The benefits are Crystal Clear to see:

Reduced Carbon Emissions - Just one Journey to repair the window as opposed to one to measure and then one to install the new unit. Plus no factory emissions during the manufacture and transporting of the new sealed unit

Access Issues - We repair the unit from inside the building, no expensive external access equipment is needed

No Landfill - We don't replace the unit, therefore, there is no waste product so nothing goes to landfill



Cost Saving - The cost to repair the sealed unit using our unique system is significantly cheaper than to replace it.

Guarantee - The service is timely and convenient, and is backed with a complete 20-year warranty (longer than a new unit).

idealwindowsolutions

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Ideal Window Solutions cuts the cost and carbon footprint of window repairs

We offer a repair service for double glazed units which are showing signs of 'fog' in the cavity.

The Benefits of Recycling NOT Replacing:

Local business pioneering a sustainable window repair solution

Waste glass diverted from landfill

Saves 30% to 40% on cost of replacing double glazed units

Repairing double glazed units uses 32kg less CO₂ than replacing units

An average housing association, replacing 600 sealed units a year, could reduce waste by 32 tonnes and save 23 tonnes of CO₂ from being emitted annually.

“By repairing rather than replacing failed glass units in their properties, organisations can save money, reduce their carbon footprint and reduce the amount of waste they generate”

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home of the envirowindow®



A demonstration project designed to explore the benefits of a new window repair service has revealed that repairing fogged glass units is cheaper than replacing them.

The project, run by Brighthouse-based Crystal Clear Window Works, was funded by CO²Sense Yorkshire and involved free trials of Crystal Clear's innovative repair service with local housing associations.

Crystal Clear Window Works offers a repair service for double glazed units which are showing signs of 'fog' in the cavity and condensation on the glass pane.

The traditional response has been to replace the double glazed unit. But given the highly energy intensive processes involved in making new glass this

method is costly both financially and in terms of carbon emissions.

Crystal Clear Window Works offer a repair rather than replace service which minimises disruption and extends the life of the window.

Repairing the sealed unit also creates 29.4kg less waste than replacement – based on a 1m² size glass window.

When combined with production and transport emissions, this is an equivalent carbon saving of 48.6kg. The repair service is also between 30% and 40% cheaper than replacing the sealed unit.

Ben Stone, CO²Sense project manager explained: "Every year in the UK, 6.6 million double glazed units are replaced.

"Problems are caused by the glass panes expanding and contracting with temperature change. This causes the panes to be constantly sucked in and out.

"Annually the UK is estimated to spend £1.5bn replacing failed double glazed units. Approximately 90 per cent of these damaged windows could be repaired



rather than replaced. Repairing them is a much more resource efficient solution."

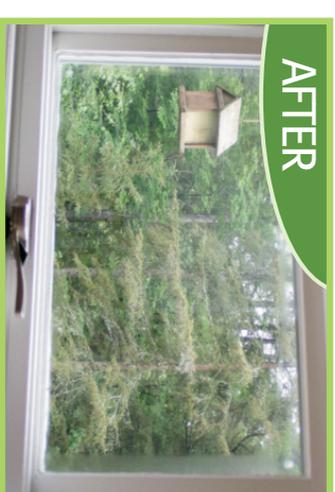
"Eventually the seal on the window fails, causing 'fog' in the cavity and condensation to form on the internal surfaces of the glass panes."

"The repair solution involves piercing the sealed unit, cleaning the internal panes, re-engineering the double glazed unit and coating the internal glass panes with a unique patented super-hydrophilic coating developed by Leeds University that prevents fogging or condensation from occurring in the future.

Additionally, Crystal Clear is the only service provider in the UK that can offer a 20 year insurance backed guarantee.

Nick Roebuck, Crystal Clear Window Works managing director says: "The funding from CO²Sense Yorkshire has allowed us to visit housing associations, carry out a trial repair to one or two properties before they are inspected by their surveyor, and in effect let them 'try before they buy'.

"The demonstrations were a great success and a number of housing associations have now entered into contracts to use our services because we've proved we can save them money and cut carbon emissions.



“ Every year in the UK, 6.6 million double glazed units are replaced. Problems are caused by the glass panes expanding and contracting with temperature change. ”

"The potential benefits to housing associations are enormous especially given the pressures they are under to demonstrate value for money and make sustainability improvements.

"By repairing rather than replacing damaged windows in their properties they can save money, reduce their carbon footprint and reduce the amount of waste they generate.