PVC-U: **Recyclable up to 10 times**

PVC-U window and doors have an average lifespan of between 30 and 40 years.

PVC-U can be reused, reground, melted and remoulded over 10 times and still maintain performance. With a potential cumulative lifetime of 400 years from a single window or door, consigning old products to landfill simply cannot be justified.

As well as avoiding waste, making the effort to recover and recycle used PVC-U reduces the demand for raw materials, cutting energy consumption and carbon emissions.

Old window frames

Recycled PVC-U

New window frames

A replacement PVC-U window frame can contain up to

45% recycled content

The PVC-U recovery and refinement process achieves

99% purity

RECOVERED IN BRITAIN.
RECYCLED IN BRITAIN.
REMADE IN BRITAIN.

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A new lease of life for
old windows and doors

What is closed loop recycling?

Closed loop recycling is the process of using recycled material to manufacture new products in the same category.

We're working with leading manufacturers not only to reduce waste and avoid landfill, but also to place your old windows into closed loop recycling programmes, in addition to any waste generated from our manufacturing processes.

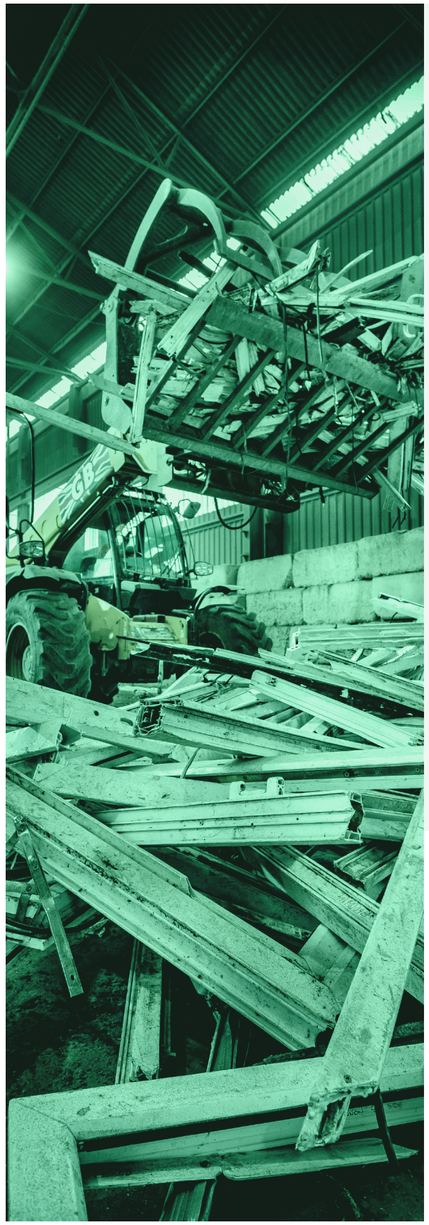
EMPLAS

Epwin™ window systems

POLY-PURE

Our primary supplier, Emplas Window Systems, in association with the Epwin Group and Poly-Pure, are at the forefront of the closed loop recycling process for PVC-U window frames.

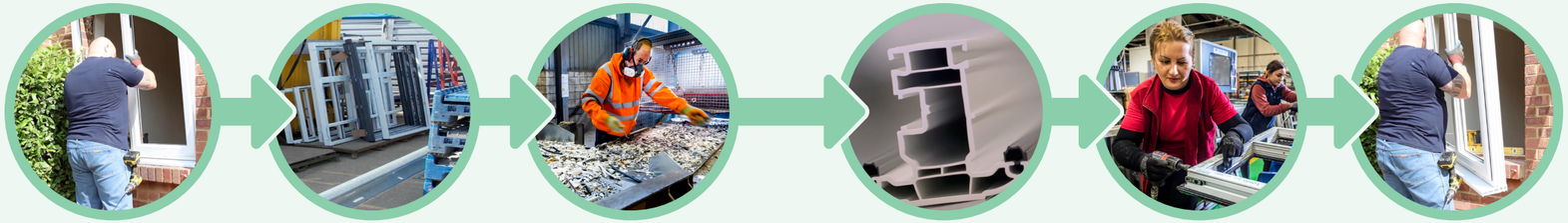
You can be reassured that when we remove your old windows and doors we will make sure that every piece of the PVC-U material collected will be evaluated and processed as part of a closed loop recycling programme.



How does closed loop recycling work?

Every step of the process, from the recovery and recycling of material, through to the manufacture of new products takes place in the UK.

Scan here to watch closed loop recycling in action!



1 Removal
Old windows and doors, including the glass and hardware, are removed, to be stored and separated prior to collection.

2 Collection
The frames are collected and transported to specialist processing facilities in the United Kingdom.

3 Processing
The materials undergo a range of processes to separate and refine them. Other materials such as rubber and metals are also recovered.

4 Remanufacture
Recycled PVC-U pellets are made into new lengths of window frame.

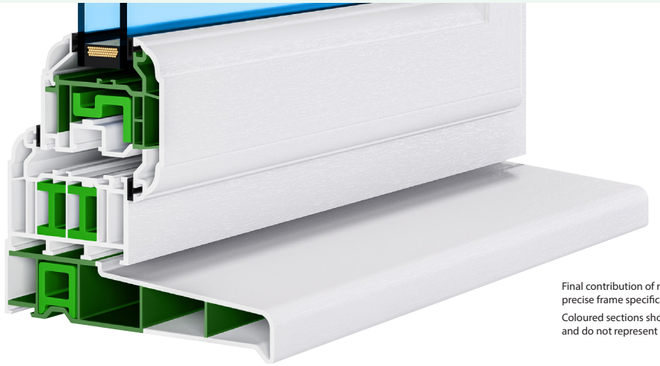
5 Fabrication
Brand new window frames are cut, machined, welded and glazed to order.

6 Installation
Expert teams fit the new windows containing recycled material. Performance and aesthetics remain exceptional, and waste has been minimised.

Recycled PVC-U

This is used to make interior sections as the material can be off white/light grey in colour.

The recycled sections deliver the same performance, strength and durability of brand new PVC-U material.



Final contribution of recycled materials dependent on precise frame specification.

Coloured sections shown are for illustrative purposes and do not represent colour of final recycled materials.

RECOVER.
RECYCLE.
REMAKE.