

# How is glass recycled?



printwaste  
Sustainable Recycling

# Glass recycling step-by-step.



## Step 1: Collection

We'll collect your glass and transport it back to our recycling facility, where it will be stored until we have a large enough amount to send on to a specialist glass treatment plant.

## Step 2: Crushing

Once at the plant, the glass will be crushed to form cullet (broken recyclable glass).

## Step 3: Cleaning

This cullet will then be cleaned and removed of contaminants via numerous processes, including a magnet picking up ferrous metals (such as steel cans), blown air moving lightweight materials (such as paper), and air jets ejecting non-glass items (such as ceramics and stone).

## Step 4: Sorting

Now clean, the cullet will be sorted into three main colours – flint (clear), amber (brown) and green – using the same air jet ejecting technology as before.

## Step 5: Melting

After this, the cullet will be melted in a furnace at temperatures of over 1500°C to form liquid glass.

## Step 6: Moulding

The liquid glass will then be moulded into new glass products, like bottles and jars.

## Step 7: Recycled glass

Lastly, the recycled glass products will be sent for manufacturing, before being distributed to UK retail stores, ready to be sold again.



Did you know? Glass can be recycled over and over again infinite times!

# We hope you found this useful & informative.

If you did, you'll be happy to  
know we have a whole bunch  
of process sheets for you...

## Recycling process sheets



Cans



Cardboard



Cartons



Paper cups



Glass



Wood



Plastics



Paper



Fluorescent  
light tubes



WEEE



Polystyrene



Tins



Non-recyclables

## Confidential shredding process sheets



Uniforms & clothing



Hard drives



Confidential paper

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