

How is polystyrene recycled?



printwaste
Sustainable Recycling

Polystyrene recycling step-by-step.



Step 1: Collection

We'll collect your polystyrene and transport it back to our recycling facility.

Step 2: Compacting

At our facility, we'll compact the polystyrene (remove the air), reducing it to approximately a 40th of its original size, and compress it together to form a solid block. This will make the polystyrene easier and more economical to transport.

Step 3: Cleaning

Once compacted and compressed, we'll send the polystyrene blocks to a bespoke reprocessing plant, where they will be cleaned.

Step 4: Recycled polystyrene

The blocks will then have air blown back into them, so they can be reformed and moulded into smaller pieces, perfect for protecting packaged products in transit.



Did you know? Polystyrene is made from 98% air and 2% plastic, meaning a 40ft lorry full can be reduced down to a single palletised block!

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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