

Manufactured
from 100%
recycled plastic waste

environmental street furniture



Sustainable Collection





Sustainable Collection

ENVIRONMENTAL STREET FURNITURE (ESF) have been supplying exterior products for almost 20 years. We have developed a range of quality exterior furniture products manufactured from 100% recycled waste material that offers significant technical, commercial and environmental benefits – reflecting our tradition for offering excellence and innovation whilst maintaining our social responsibility for the environment.

Maximising the environmental benefits

The Sustainable Collection by ESF is manufactured from 100% waste plastic generated in the UK and is converted in the UK into the range as shown (opposite). This ensures that the carbon footprint of the products is minimised and the environmental benefits are maximised.

Our manufacturing partner has formed a hub network from which waste plastic is collected and is totally self sufficient in their operation being able to convert plastic in all of its forms to manufacture new sustainable products.

Processing the raw materials

The waste plastic is sourced and collected in the UK and delivered to our UK manufacturing site. These materials are then shredded and granulated to produce a consistent sized raw material for use in later conversion processes. If the material is a film, these materials are agglomerated to create usable plastic of consistent quality. The resultant composite material is 'homogeneous' in nature but by blending individual plastics, many technical problems are overcome and the composite is less susceptible to damage and the effects of extremes of temperature. The mix results in the final products having a natural grain affect – with profiles produced being a low slip risk in most conditions. The mix is heated and thoroughly mixed through the process creating the homogeneous mass of material and a composite of the desired technical and physical performance required.

Key benefits

- Manufactured in the UK from 100% recycled composite material
- Durable – virtually maintenance free
- Increased lifespan
- Rot and algae proof
- Crack, chip and splinter proof
- Insect and animal resistant
- Labour saving
- Non slip – in most conditions
- Vandal resistant
- Easy to clean
- Reduced whole life costs
- Diverting material from landfill
- Reduces the carbon footprint of your project
- Pliable, easily moulded or extruded into required shapes
- No adverse or significant leaching of chemicals
- Durable – no cracking or splitting and minimal UV weathering
- Negligible reduction in strength after prolonged exposure
- Flexible – so more resistant to breakage in the field
- Can be cut, drilled, nailed, screwed, bolted, stapled – and nails hold well
- Consistent in size



FACT: Landfill

The ESF Sustainable Collection re-uses plastic material, diverting material that would traditionally become landfill. This reduces the whole life impact of the original products manufactured – and in turn these products can be recycled and reused further reducing the volume of material being disposed in landfill.

FACT: Legislation

The ESF Sustainable Collection assists local authorities to meet their legislative obligations; ensuring recycling targets are met; improving material performance rates; reducing the energy used in the production of new products; satisfying resident concerns and significantly reducing the volume of greenhouse gases and other pollutants being generated into the atmosphere.



Sustainable



The ESF range of unique, 100% recycled products – opens up a world of sustainable opportunities

picnic tables



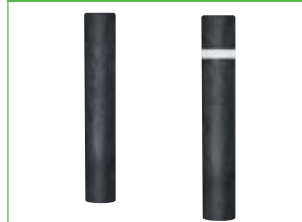
seats



benches



bollards & fencing



picnic tables

- ESF/ECO/P01 1.5m Standard Picnic Table
- ESF/ECO/P02 2.0m Large Picnic Table
- ESF/ECO/P03 1.0m Junior Childrens Picnic Table
- ESF/ECO/P04 1.5m Sloper Picnic Table (with back rests)
- ESF/ECO/P05 1.5m Endurance Picnic Table (large slats)
- ESF/ECO/P06 2.4m Accessible Picnic Table (side access for wheelchairs - 3 leg)
- ESF/ECO/P07 2.4m Accessible Picnic Table (end access for up to 3 wheelchairs)

seats

- ESF/ECO/S01 1.5m Standard Seat (with back rest)
- ESF/ECO/S02 2.0m Large Seat (with back rest)
- ESF/ECO/S03 1.0m Junior Childrens Seat (with back rest)
- ESF/ECO/S04 1.5m Straight Leg Seat (budget – must be concreted)
- ESF/ECO/S05 1.5m Endurance Seat (large slats – with back rest)

benches

- ESF/ECO/BE01 1.5m Standard Bench (no back rest)
- ESF/ECO/BE02 2.0m Large Bench (no back rest)
- ESF/ECO/BE03 1.5m Endurance Bench (large slats – no back rest)

combined

- ESF/ECO/CO1 2.0m Seat (cast iron ends)
- ESF/ECO/CO2 2.0m Bench
- ESF/ECO/CO3 2.0m Bench (100% recycled cast iron ends)

bollards

- ESF/ECO/B01 100mm x 100mm 1.25m (chamfered top – no band)
- ESF/ECO/B02 100mm x 100mm 1.5m Economy (chamfered top – no band)
- ESF/ECO/B03 100mm x 100mm 1.25m Square (chamfered top and single reflective band)
- ESF/ECO/B04 100mm x 100mm 1.5m Square (chamfered top and single reflective band)
- ESF/ECO/B05 140mm x 100mm 1.2m Rectangular (chamfered top and single reflective band)
- ESF/ECO/B10 100mmØ 1.2m Economy Circular (chamfered top – no band)
- ESF/ECO/B11 100mmØ 1.5m Economy Circular (chamfered top – no band)
- ESF/ECO/B12 100mmØ 1.2m Circular (chamfered top and single reflective band)
- ESF/ECO/B13 100mmØ 1.5m Circular (chamfered top and single reflective band)
- ESF/ECO/B14 125mmØ 1.2m Circular (chamfered top and single reflective band)
- ESF/ECO/B15 125mmØ 1.5m Circular (chamfered top and single reflective band)



planters & bins



sandpits

litter bins

- ESF/ECO/L01 40ltr Open Top, Closed Slat Litter Bin (galvanised removable liner)
- ESF/ECO/L02 110ltr Open Top, Closed Slat Litter Bin (galvanised removable liner)

planters

- ESF/ECO/PL01 500 x 500 x 500mm Standard Planter (with internal reinforcement)
- ESF/ECO/PL02 1000 x 1000 x 500mm Extra Large Planter (with internal reinforcement)
- ESF/ECO/PL03 600 x 600 x 700mm Endurance Planter (large slats)
- ESF/ECO/PL04 600 x 600 x 700mm Large Planter (with G316 Stainless Steel ends)
- ESF/ECO/PL05 1.2m Seat (with 2 standard planters as end support)
- ESF/ECO/PL06 1.2m Seat (with 2 extra large planters as end support)

sandpit

- ESF/ECO/X01 Integrated Seat / Stage / Sandpit (with removable cover)

fencing

- ESF/ECO/F01 'V' Cut Posts (for 'birdsmouth' fencing)
- ESF/ECO/F02 2.5m Top Rail Profile (for 'birdsmouth' fencing)

The ESF product range is...

- **available**
Stock in locations that are convenient to you
- **functional**
Fit for purpose products both simple and stylish that also offer major environmental, technical and commercial benefits
- **affordable**
Value for money products that offer lower whole life costs
- **offers a diverse choice**
A comprehensive range of designs that are 100% recyclable
- **built around technical excellence**
Proven designs that have been used in numerous locations

For the very latest products and information visit our website: www.worldofesf.com



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our website www.worldofesf.com

Paper used for this publication is sourced from managed and sustainable forests and contains 80% recycled post-consumer fibre. 