

Sustainability & Environmental - The H&T Recycling Depot

SITE- Henderson & Taylor Yard, Thurrock

CLIENT- Thurrock/H&T

SCOPE - 26 acres of recycling facility, 100% of non-hazardous waste recycled.

MACHINERY - Concrete batching plant, crusher, screener and Insitchu asphalt hot box



The Thurrock Recycling Centre was established in 2002 and covers 26 acres of land in the East of the Borough with different sections of our recycled aggregates such as:

- Screened topsoil
- Premium topsoil
- Type 1
- Type 3
- Type 6
- Type 65F
- Class 1
- Class 2
- Recycled stockpiles

As part of our recycling efforts, we hold an environmental permit, which allows us to recycle non-hazardous waste such as metals, plastics, and any reusable street furniture. An example of how we recycle the waste from our contracts is by screening the Highways arisings to produce hardcore and topsoil. We then crush the hardcore into Type 1 and Type 6f1 recycled aggregate.

Within our 26-acre facility we additionally house a hotbox, which allows us to have our tarmac delivered from the supplier to our facility and enables us to reserve it at a temperature where we can use that same tarmac for the 3 following days. This isn't only cost effective but also reduces the number of movement of lorries through the Borough of Thurrock, thereby reducing the carbon footprint of the tarmac transportation. Alongside reserving tarmac, we keep a stock of kerbs, iron works, cement, and pipe work. Furthermore, we have a cement plant in where we produce our own C30, ST1 and lean mix in-house.

By using the Thurrock recycling centre, we have reduced lorry movements by approximately 8,500 trips a year by making use of our cement plant and hotbox and using in-house resources when it comes to recycling. This allows us to be more economical and eco-friendly and cuts down the need to utilize virgin materials

By 2045 we are looking forward to being a net zero carbon company. As part of our carbon reduction plan - alongside recycling 100% of our non-hazardous waste, we will have increased the use of recycled aggregates across the construction industry and plan to develop our depot even further to reduce more carbon emissions.