



KKB Group has the expertise, technology and resources to provide processing of inert construction and civil engineering wastes for re-use on-site or as recycled raw material feedstock.

Quite apart from the environmental benefits of re-using material on-site there are potent commercial advantages involved in preventing transportation and disposal - even more so now that diesel and landfill costs have gone through the roof. In 2022 KKB processed over a million tonnes of wastes into reusable raw materials.

We have a local authority permit (issued by Medway Council) to perform on-site crushing and screening of solid inert wastes to generate various grades of recycled aggregates that can be re-used during the development phases of projects.

The highest grades (single-sized 10 or 20mm) can be used to create Cement-Bound Granular Material (CBGM) for the structural layer of high-performance pavements or roads. Type-1 (0-50mm) well-graded material can be used for road/car park sub-base and 6F5/6F2 (0-

125mm) as the capping layer for highways and piling mats. Lower grades such as Class 1A (0-125mm) are employed as general fill. We are also able to recycle asphalt wastes generated from planning road, car park and pavement surfaces which are crushed and screened to create feedstock for production of new asphalt-based products.

Quality and adherence to specification or WRAP protocols are demonstrated by a testing regime with samples regularly submitted to a geotechnical laboratory for analysis. Excavated wastes (soils/earth) can be processed for re-use in cut/fill and

site-levelling projects. Processed material will typically be tested chemically (for contaminants) and geo-technically (for moisture content and particle size) for compliance against geotechnical standards contained in the specification.

## MATERIALS WE RECYCLE

- Concrete
- Hardcore
- Asphalt
- Ballast
- Earth/Soils

