

# Reducing landfill waste with our Kingspan Take Back Service

Since 2011, we offer our customers a take back service of any offcuts of our Kingspan access floor panels or waste material from our product, which otherwise would have been skipped making it's way to landfill. Since we introduced this initiative, we estimate that over 1,500 tonnes of waste have been saved from landfill and instead brought back to our manufacturing centre in Hull UK for recycling.

In Hull, we invested in our very own on-site shredder where the steel and chipboard are first separated. The chipboard and offcuts of wood are sent to the Biomass boiler while the steel off cuts are sent for recycling once shredded.

The installation of our own biomass boiler required an investment of £1m, which we use to burn just under 1,000 tonnes of waste wood per annum, as well as more than 550 tonnes of waste-production sawdust. From this, we can generate close to 3 megawatts of energy each year, saving a huge £86,000 in heating costs every year. This energy is used to heat our factory, minimising our operational energy requirements.

## How the Take Back Scheme works



All the old panels are stripped out and the wood is separated from the steel.



The wood is used to fuel the biomass boiler.



The steel is recycled and broken down for reuse.

