

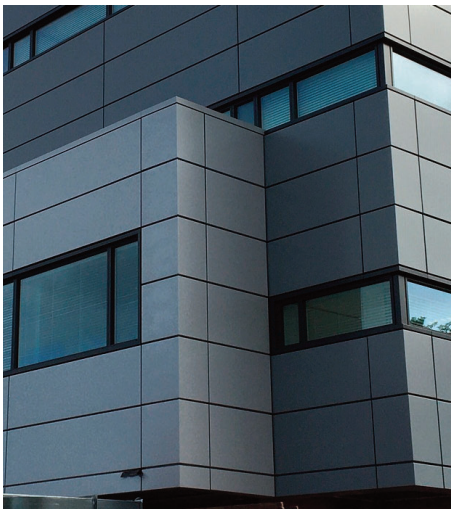
Natural History Museum, Ornithology Building, *Tring*

CONTRACT VALUE
£2m

BUILDING
Ornithology Building

PROJECT DURATION
October 2018
to November 2019

CLIENT
Natural History Museum



PROJECT SCOPE

The Ornithology Building which houses one of the largest ornithological collections in the World, has been shrouded in protective scaffolding for some years as its precast aggregate cladding panels have failed and become unsafe. Following a Pre-Contract Services Agreement (PCSA) to assess its structural integrity and determine the scope of works, d+b facades was awarded the contract for aluminium over-cladding, replacement windows, roofing and installation of photovoltaic panels.





This project was highly commended in the recent National Lottery Heritage Fund's inaugural museums + heritage sustainable project of the year award. This extols good practice and inspirational ideas in improving environmental sustainability and working towards the UK's Carbon Neutral target.





D+B FACADES WORKING SUSTAINABLY – 100% WASTE RECYCLING ACHIEVED AT NHM TRING

Working closely with their supply chain, employees, contractors and waste partners d+b facades have been able to achieve 100% recycling for their project at NHM Tring (83.42Tonnes of waste recycled); Great work by the project delivery team and partners.



D & B Facades Uk Limited
Recycling Report
Site Name: NHM Tring (163648)
Period: 22/08/2019 - 30/11/2019

Summary

Number of Sites: 1	Number of reports: 2	Number of movements: 6	
Total removed: 83.420 Tonnes	Recycled: 100.000% 83.420t	Recovered: 0.000% 0.000t	Landfill: 0.000% 0.000t

LOW Code - Waste Name	Removed Tonnage	Recycled Tonnage	Recovered Tonnage	Landfill Tonnage	% Recycled	% Recovered	% Landfill	Recycled Notes	Recovered Notes
20.01.01 - Cardboard	0.5900	0.5900	0.0000	0.0000	100.0000	0.0000	0.0000		
17.02.03 - Hard Plastic	1.0800	1.0800	0.0000	0.0000	100.0000	0.0000	0.0000		
17.02.01 - Timber	3.2800	3.2800	0.0000	0.0000	100.0000	0.0000	0.0000		
17.04.07 - Metal	0.5000	0.5000	0.0000	0.0000	100.0000	0.0000	0.0000		
17.01.01 - Cement Board	0.8500	0.8500	0.0000	0.0000	100.0000	0.0000	0.0000		
17.05.04 - Stone	77.1200	77.1200	0.0000	0.0000	100.0000	0.0000	0.0000		
Totals	83.420	83.420	0.000	0.000	100.00	0.00	0.00		

KEY OUTCOMES

100% recycling of construction waste during three months of construction

Solar panels were installed to meet the entire building's electricity needs

heat loss substantially reduced and future water ingress prevented

Despite delays caused by the Covid-19 pandemic, the project was completed in just 13 months

Building life extended by more than 50 years

All delivered whilst the building was fully occupied with minimal disruption.