

Great Pagoda, Kew Gardens

Preservation & Rejuvenation Winner

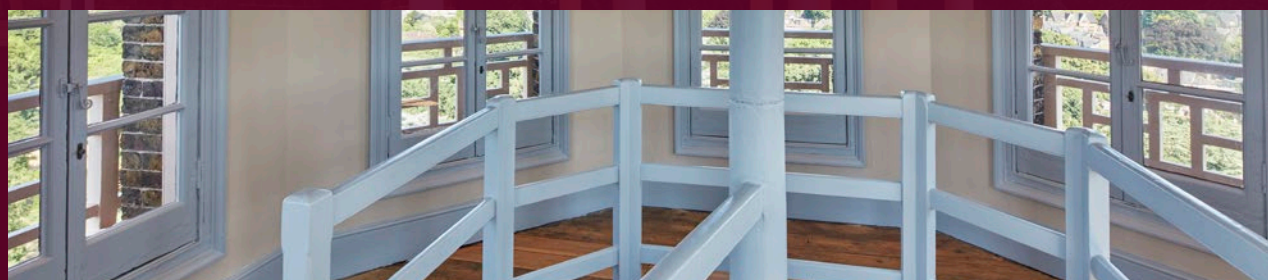
Project contract value:	£5m
Type of work:	Restoration
Type of client:	Historic buildings charity
Construction product :	Restoration of a cultural building
Approx m2:	226

Highlights

The Great Pagoda at the Royal Botanic Gardens Kew (1761-62), is one of the most important Chinoiserie-style buildings in Europe.

- Following five years of thorough research and investigation, the Grade 1 listed Kew Gardens Great Pagoda underwent a major restoration, with the aim of returning it to the architect's original vision, and it has now opened to the public for the first time in 30 years.
- The restoration work included the re-introduction of 80 new dragon sculptures, one on the corner of every roof hip.
- Of the new dragon sculptures, eight were hand carved timber and 72 were 3D printed using selective laser sintering (SLS), a printing process that uses lasers targeted at nylon powder to gradually create a 3D object.

submitted by: **Austin-Smith:Lord with Historic Royal Palaces, Morham & Brotchie and Hockley & Dawson**



**CONSTRUCTING
EXCELLENCE**
SECBE AWARDS 2019

this award is sponsored by:

secbe
leaders in construction