



REDEVELOPMENT OF LONDON BRIDGE STATION

LONDON, UNITED KINGDOM



Description:

London Bridge Station is the fourth largest station in the UK and it is located just off London's tallest building, The Shard. A major refurbishment program brought harmony between Victorian architecture and the demands of 21st-century infrastructure in a station which includes a concourse that is larger than Wembley Stadium.

The general contractor, Costain, selected Prater Ltd as a partner for the design, manufacture and assembly of prefabricated concrete platforms and canopies, as well as a bespoke all-glass facade over the platform level, street level and retail space. The project was characterised by its complexity and the short deadlines for completion. By creating and analysing a 3D model of the station, Prater was able to derive decisive measures to ensure timely delivery. In order to adhere to the rigorous assembly schedule and to manage the complex geometric design of the canopy, the decision was taken to unify the roof package. The entire six kilometres of platform length was divided into 1,100 individual aluminum cassettes, all of which were manufactured in a specialized mobile manufacturing plant near the construction site and then transported to the site on a just-in-time basis. The works were handed over on time in January 2018 and in May the official opening was carried out by Prince William.

General:

Concept/Product:	,
Building Type:	
Client:	Network Rail
Architecture:	Grimshaw Architects
Company Division:	Prater Ltd
Completion:	2018



Completed Works:

Roof
Curtain wall



