

ROYAL OPERA HOUSE WORKSHOP



BAUDER BUILDING BOARD

Project	Royal Opera House Workshop
Investors	Arts Council England Royal Opera House Thurrock Council Local & Regional Development Agencies
Place	Purfleet, UK
Area Size	3,200m ²
Architect	Nicholas Hare Architects LLP
Contractor	F K Construction



ROYAL OPERA HOUSE PRODUCTION WORKSHOP

This £8.3m building is used by London's Royal Opera House to build scenery for its elaborate ballet and operatic performances. Located at the £60m High House Production Park, in Purfleet, which opened at the end of 2010, the workshop boasts outstanding green credentials.

Stretching over 400 sq metres, the workshop is faced in cedar wood and features a state-of-the-art green roof from Bauder. The vast 3,200sq metre roof is covered in sedum plants to soften the impact of the structure into the surrounding parkland and attract insects and native wildlife.

Overlooking the Queen Elizabeth II Bridge and the Thames, the workshop features a vaulted ceiling, which is 19 metres at its highest point to accommodate the full-scale scenery which is built by the 30 full-time craftspeople employed there.

APPLIED PRODUCTS

Bauder extensive green roof system with reinforced bitumen membrane Plant E root resistant capping sheet with sedum vegetation blankets installed for a lightweight green roof.

The hardy pre-cultivated plants give an instant greening of the vaulted building form.

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UNITED KINGDOM

Bauder Limited

70 Landseer Road, Ipswich, Suffolk IP3 0DH, England

T: +44 (0)1473 257671 E: info@bauder.co.uk

bauder.co.uk

IRELAND

Bauder Limited

O'Duffy Centre, Cross Lane, Carrickmacross, Co. Monaghan, Ireland

T: +353 (0)42 9692 333 E: info@bauder.ie

bauder.ie