

Teamkal awards entry 2006

Category: Most unusual use of Kalzip

Entry deadline: Friday 28th July 2006

Project title: The Rich Mix Centre

Project location: 35- 47 Bethnal Green Road, London, E2.

Teamkal: T R Freeman Ltd.

Architect: Penoyre & Prasad Architects, 28- 42 Banner Street, London, EC1Y 8QE.

Main Contractor: Mansell Construction Services Ltd.

Client: Cityside Regeneration Ltd, 107a Commercial Street, London, E1 6BG.

Material and system specification used:

Kalzip standing seam 65/434 AF 1.0mm stucco embossed clad

TR32/200/1000S liner sheet

Kalzip clear membrane

Kalzip plus 37 glass fibre quilt insulation

E clips

Description of the work undertaken:

Cladding of the cinema façade / mansard with an opposing orientated layout with stucco embossed flashings at sloping interfaces. To include for all secondary galvanised steel supports.

Key challenges overcome:

The major factors in this installation project was initially the limited access afforded to us as the scaffolding could not be cantilevered to suit the building profile and the unusual orientation of the Kalzip sheeting.

Third party testimony:

The cinema roof is constructed from a series of triangles cascading down to 2m above the pavement. Each triangle is at a different angle from it's neighbour, in all 3 planes thus causing the roofing material to be installed with a degree of accuracy not normally associated with it's use. Each triangle also had a unique shape. Mansell awarded this work to T R Freeman Ltd

who demonstrated their ability for unique roofing designs using specialist materials. The roofworks were carried out to the Architects' design and it has been highly praised in trade press which I have attached a copy of.

Richard Scott

Senior Contracts Manager

Mansell Construction Services Ltd

Telephone : 020 3234 3061

Fax : 020 3234 3061

Mobile : 07870 680405

Email : rscott@mansell.plc.uk

In 200 words explain why you think this project should win:

The cladding of the cinema mansard presented us with a myriad of problems from the initial design stages and throughout the practicalities during the installation period. Whilst the design intent was developed out by Penoyre & Prasad Architects, T R Freeman Ltd completed the overall detailing including the all important setting out required to achieve the chevron appearance.

In an area undergoing considerable regeneration, the Bethnal Green site has been the subject of a documentary filmed by the BBC during the construction process and will feature in a television documentary to be broadcast later in the year. The project has also been heavily featured in the May 2006 issue of Building Design magazine.

The use of the 65/434 AF 1.0mm stucco embossed aluminium, in itself an unusual choice of material for a façade, has been installed to an exceptionally high standard and appreciated by both the Architects and the client.

I believe that the aesthetics of the construction and the quality of the installation works on this project make it worthy of consideration in this category.

T R Freeman Ltd

Gary Webb FloR

Managing Director

Gary.webb@kershaw-grp.co.uk

Telephone: 01223 715810

Fax: 01223 210507

Beadle Trading Estate

Ditton Walk

Cambridge

CB5 8PD