

Dreadnought Tiles

The Natural Choice

200 years of Natural Colour

Case Study— National Motorcycle Museum



Shortlisted for 2006 Clay Roofing Tile Awards - Best Commercial Refurbishment

Clay Roof Tile Manufacturer:

Dreadnought Tiles

Structural Engineers:

Smiths Consulting Structural Engineers Ltd

Roofing Contractor:

Roof Coverings (Midlands) Ltd



Background

Disaster struck the National Motorcycle Museum on the 16th September 2003 when a carelessly discarded cigarette caused a fire destroying 80% of the buildings, despite the effort of 120 firemen.



Challenge

It became apparent during the task of reconstruction that the tile factory which had provided the original Rosemary tiles no longer existed. It was therefore necessary to find a manufacturer still able to produce Staffordshire tiels of natural burnt clay colours, quickly and in large quantities. Dreadnought were invited to provide samples and immediately supplied various sample tiles for consideration.

Tiling of the 5 pyramids provided a complex challenge as was the need to maintain the continuity of the colour blend to match the original part of the roof.

The modern Buildings illustrate how traditional materials such as Staffordshire Mixed Brindle Plain tiles could be used to dramatic effect on a series of steep, linked pyramid steel framed roofs.

Solution



Tiles: 280,000 Smoothfaced tiles in a mix
80% Brown Brindle
20% Brown Antique

Components:
3,000 Arris Hips
1,700 Valleys
340 Mono Ridges
5 Pyramid Capping

Dreadnought Tiles

The Natural Choice

200 years of Natural Colour

Result



Comments

The point where the new roof meets the 19 year old roof, though visible, illustrates what a remarkable match has been achieved with a tile from a different manufacturer from the original. Furthermore continuity of the colour blend to match the original part of the roof had to be maintained whilst fixing over a quarter of a million tiles.

The museum's activities were "back on the road" in the minimum amount of time.

Hinton Perry & Davenhill Ltd.

Dreadnought Works - Pensnett - Brierley Hill - West Midlands DY5 4TH

Tel: 01384 77405 - Fax 01384 74553 - Email: sales@dreadnought-tiles.co.uk

For further information on Dreadnought Tiles and the solutions offered visit our website www.dreadnought-tiles.co.uk or ask to speak to your local Area Manager.