

BBA Certificates for Product and Powder Coating

The Quantal Conservatory Roof System has been designed for the UK market and has been installed nationally in a range of domestic & commercial installations over a 12 year period.

The product has been independently assessed and tested by the government established Building Industry authority the British Board of Agreement, **BBA Certificate No. 01/3793** which may be downloaded online. This states an expected life of at least 25 years - see Detail Sheet 2 section 8.1 titled Durability.

The aluminium grade used for the profiles is 6063 T6 which has a B rating for durability (as defined in BS8118 Part 1 1991 Section 2 Tables 2.1 and 2.6).

As such additional protection is recommended, and this is provided by polyester powder coating of 60-80 microns using the Syntha Pulvin system, **BBA Certificate No. 94/3041** which may be downloaded online.

The paint application process used by the aluminium extrusion suppliers is controlled under the internationally recognised QualiCoat standard for paint, lacquer and powder coatings on aluminium for Architectural applications.

Electronic Copy

Quantal Conservatory Roofing Systems

1996

Agreement Certificate No 01/3793

QUANTAL CONSERVATORY ROOF SYSTEMS

Product

Regulations — Detail Sheet 1

1 The Building Regulations 2000 (England and Wales)

1.1 The Secretary of State has agreed with the British Board of Agreement that the extension of a building by the addition at ground level of a conservatory, where the floor area does not exceed 30 m², is exempt from the building regulations.

1.2 A conservatory forming a single storey extension to an existing dwelling of purpose sub-group 1B or 1C, where the conservatory does not contain a floor or heat producing appliance, is not within one name of a boundary and the floor area does not exceed 30 m², is exempt from these Regulations.

1.3 A conservatory constructed as an annex to an existing building and having a floor area not exceeding 30 m² and not less than one metre from any boundary is exempt from these Regulations provided that the conditions described in A5 Exemptions are met.

2 Construction (Design and Management) Regulations 1994

Information in this Certificate may assist the client, planning supervisor, designer and contractor to address their obligations under these Regulations.

3 Delivery and site handling of the relevant Detail Sheets.

Electronic Copy

H 8 Fuller Coatings Ltd

1996

Agreement Certificate No 94/3041

THE SYNTHA PULVIN/SYNTHATEC SYSTEMS

Product

Technical Specification

1 Description

1.1 The Quantal Conservatory Roof System is designed and fabricated by Quantal for use in the exposure conditions described in this Certificate.

1.2 The roof system is of aluminium construction in white or brown polyester powder coated paint finish with white or brown glass fibre (PVCU) internal cladding available in the following configurations:

- Victorian/Edwardian/Georgian style pitched with roof pitches between 25° (see figure 1) and 37° (see figure 2)
- lean to style (see figure 3) with roof pitch between 2.2° and 37.2° (see figure 4)
- Combination shapes 'T' or 'L' (see figure 5)

1.3 Permissible size parameters and configurations are described in the Certificate technical manual. The Certificate also used on conservatories not exceeding 30 m² within these parameters.

1.4 The full specifications and drawing materials and components covered by Certificate have been reviewed and approved by the BBA. This section gives only part of the system. A complete schedule of component parts is contained in the technical manual and on the BBA and H8 Fullers websites.

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QualiCoat

SPECIFICATIONS FOR A QUALITY LABEL FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINIUM FOR ARCHITECTURAL APPLICATIONS

11th Edition

Approved by the QUALICOAT Executive Committee on 17.11.2005 Effective from 1st April 2006

This edition supersedes the previous edition and includes update sheets n° 1-24 of the 10th Edition. It may be supplemented with new update sheets.

All current update sheets are published on internet: www.qualicoat.net

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