

The George Hotel, St George's Square Huddersfield



Paint analysis results

**From samples taken from the exterior of windows
on the first three floors of the South Elevation**

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Prepared by


M. WOMERSLEY
Historic Building Specialists

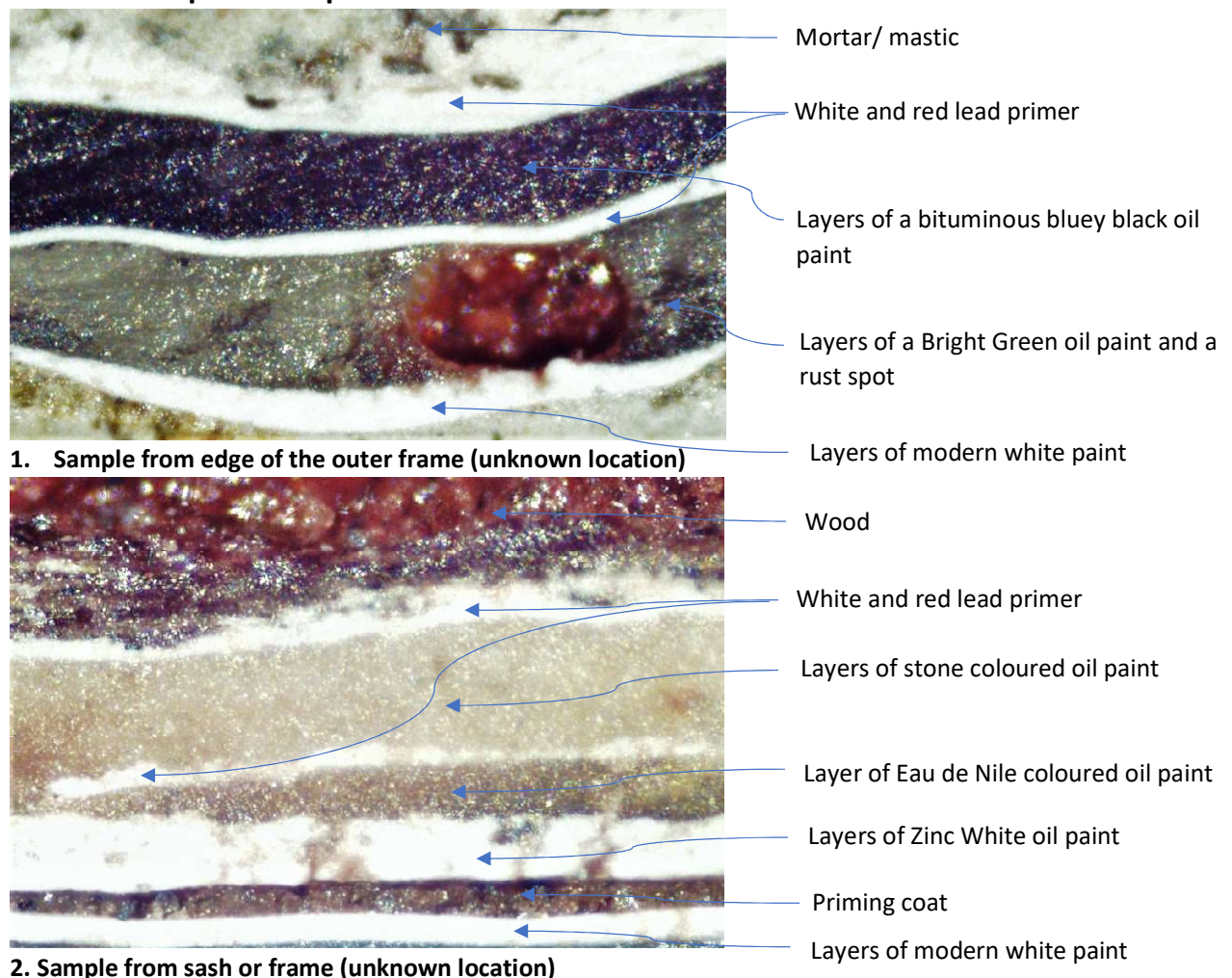
Introduction

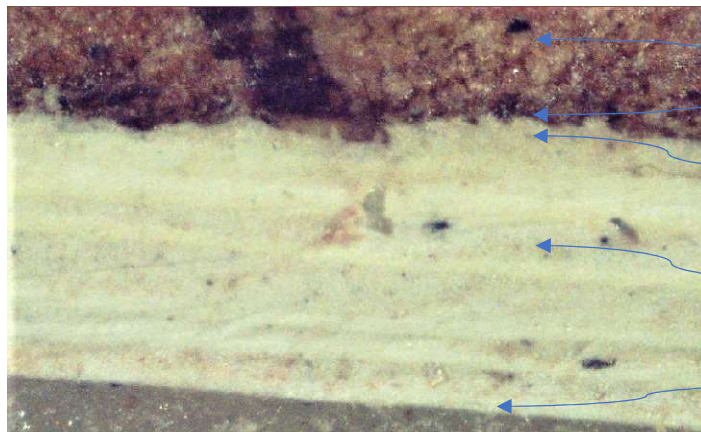
William Birch and Sons Ltd have asked M Womersleys Ltd to take exterior paint samples, and carry out thin section paint analysis from earlier sliding sash windows, on the ground, first, and second floors of the south elevation of the George Hotel in Huddersfield

An assessment of the historic paint samples and the storey they appear to tell.

The current George Hotel is the third building to bear the name in this area of Huddersfield, and this current building was built to coincide with the arrival of the railway, it was completed in the same year as the station (1850). The eleven paint samples from the hotel, that are shown below, appear to suggest the following historical build-up of colour, with the last three samples (8-11) showing the most layers. Initially the windows appear to have been painted in rich wood colours, then at least three times in a stone ochre oil paint, before the emergence of an olive green, used again on three occasions, perhaps used in the late 19th century, and then cream stone colours, perhaps dating to the early 20th century, see the historical photos below. In the 1930's when a steel window was put in the western elevation it was coated with a brighter green colour, (sample 5), which is also shown on sample 1. This then appears to have been followed throughout the building with three layers of a cream stone oil paints and then modern off white gloss.

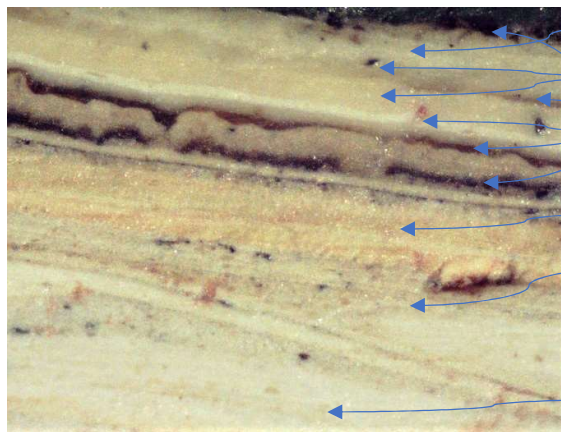
Thin section paint samples x 40





- Wood
- Red lead primer
- Undercoat
- Zinc and lead white primers and cream stone coloured oil paints. (6 alternative layers)
- Modern gloss layers

3. Lower sash sill, 1st floor window, 2nd from left, when viewed from the front.



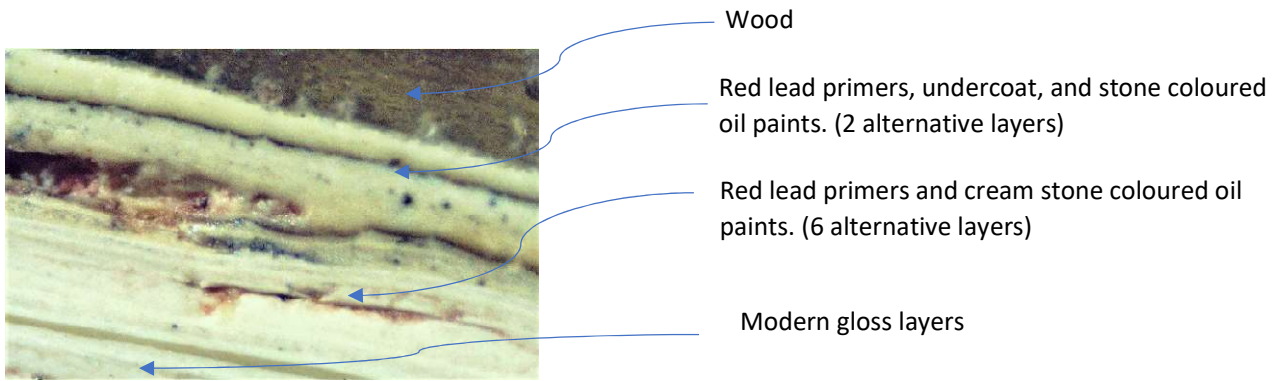
- Undercoat
- 2 layers of Stone coloured oil paint
- Red and white lead primers
- 2 layers of cream oil paint
- Zinc, lead white and red lead primers and stone coloured oil paints. (4 alternative layers)
- Modern gloss layers

4. Outer frame sill, ground floor window right of door, when viewed from the front.



- Rust
- Bituminous Priming coat
- Two layers of bright dark green
- Zinc and lead white primers and cream stone coloured oil paints. (6 alternative layers)
- Modern gloss layers

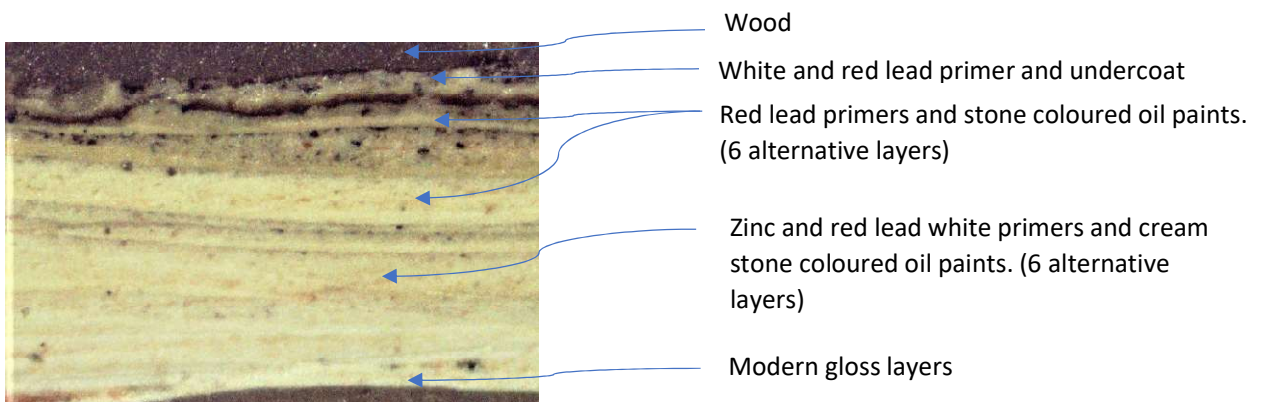
5. 1st floor 1930's metal window, on western elevation



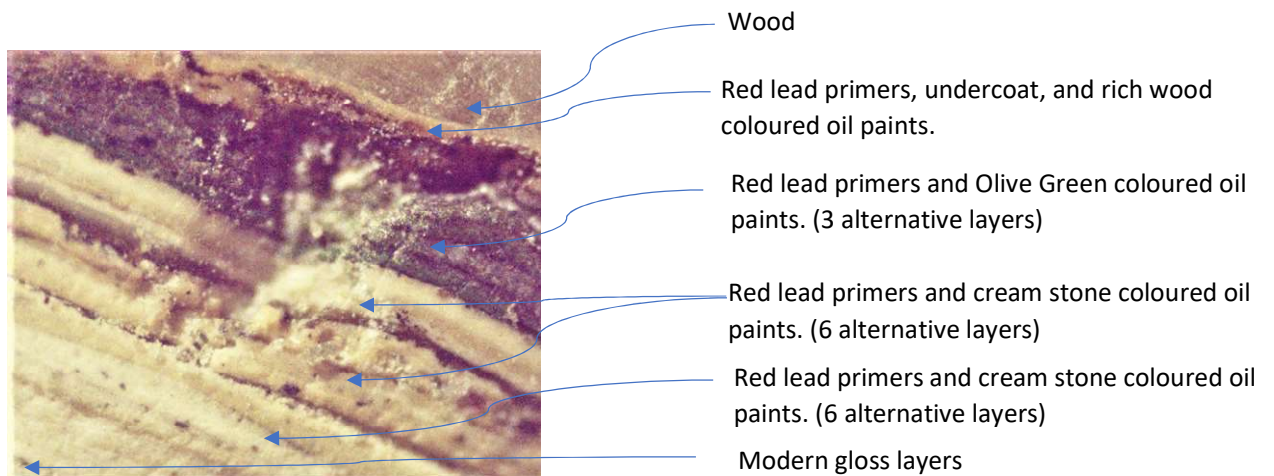
6. Middle bow window sash on west elevation's first floor



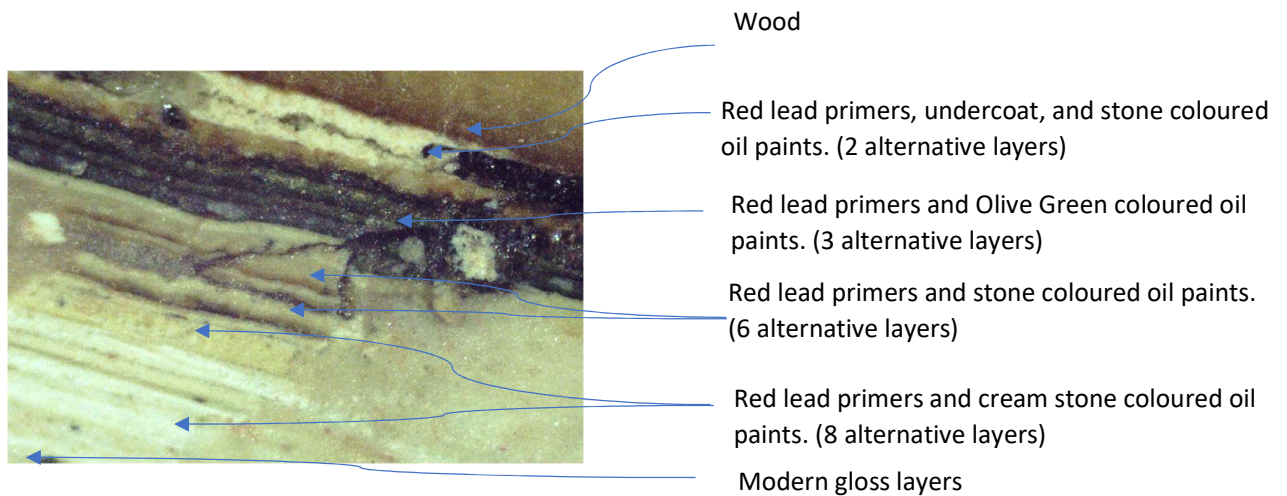
7. Outer window frame of middle bow sash on west elevation's first floor



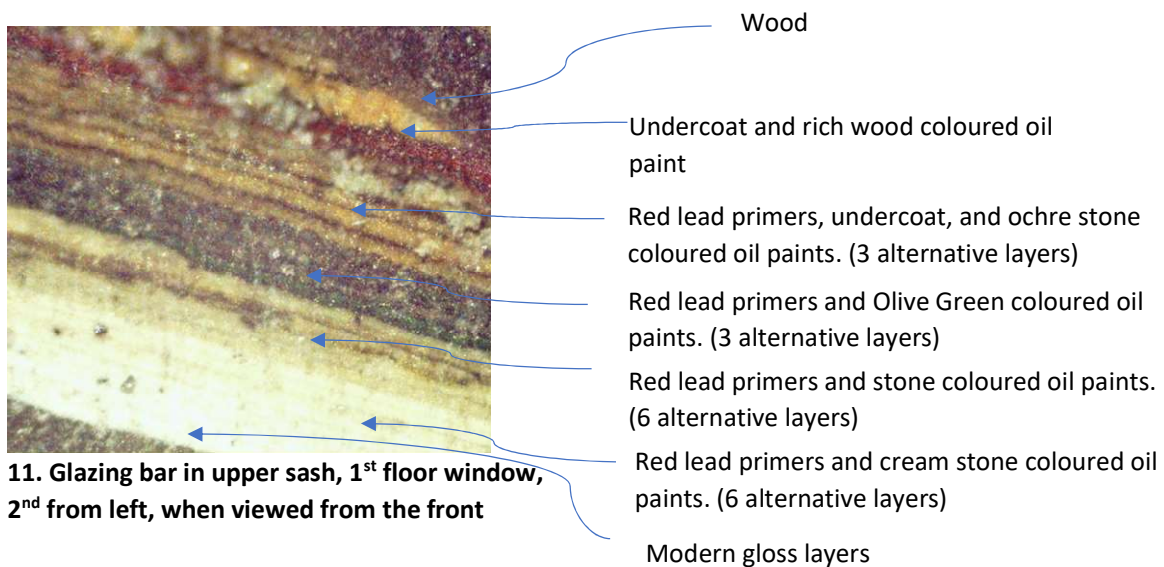
8. Outer window frame of middle bow sash on west elevation's first floor



9. Outer frame, 2nd floor window, 2nd from left, when viewed from the front.

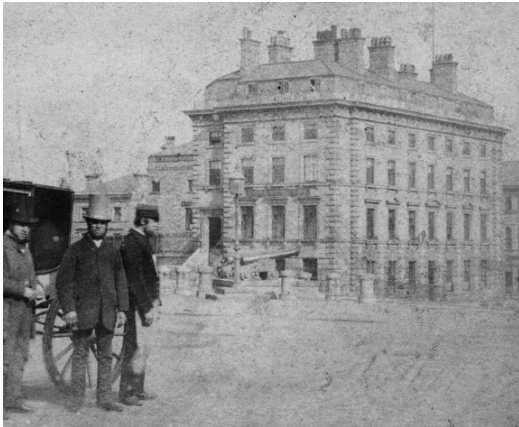


10. Vertical glazing bar, 1st floor window, 2nd from left, when viewed from the front.



11. Glazing bar in upper sash, 1st floor window, 2nd from left, when viewed from the front

Historical Photos of The George Hotel



Late 19th century



1912



c.1912



1950



1955



Early 1970's