

Specialist Laser Cleaning

Restoration of Period Architectural Coving Following Fire Damage

A high value period property suffered a fire within the ground floor, resulting in smoke contamination and soot deposits to decorative finishes throughout.

The most significantly affected element was the original period coving and ornate ceiling detail.

Due to the delicate nature of the surfaces and the historic character of the property, traditional cleaning methods risked damaging the original finish, removing detail, or creating the need for unnecessary replacement works.

MRUK Ltd were instructed to provide a specialist remediation solution that would restore the affected areas while preserving the original features of the property.

Our Approach

Following a detailed inspection and testing process, MRUK implemented a specialist laser cleaning programme to carefully remove soot, carbon staining, and fire residues from the decorative coving and associated ceiling finishes.



Laser cleaning provided a precise and non-abrasive method of restoration, allowing contaminants to be removed without damaging the underlying substrate or intricate detailing.

The scope of works included:

- Initial contamination assessment and testing
- Protection of surrounding finishes and contents
- Specialist laser cleaning to coving and decorative mouldings
- Smoke residue and odour remediation.

The Result

The original period coving was successfully restored and retained, avoiding the need for costly replacement or re-manufacture of bespoke decorative plasterwork.

The use of laser cleaning significantly reduced labour time when compared with traditional manual cleaning methods, shortened the overall programme of works, and minimised disruption to the client.



Key Benefits

- Preservation of original period features
- Reduced restoration timescales
- Lower labour and reinstatement costs
- Minimal disruption to the property

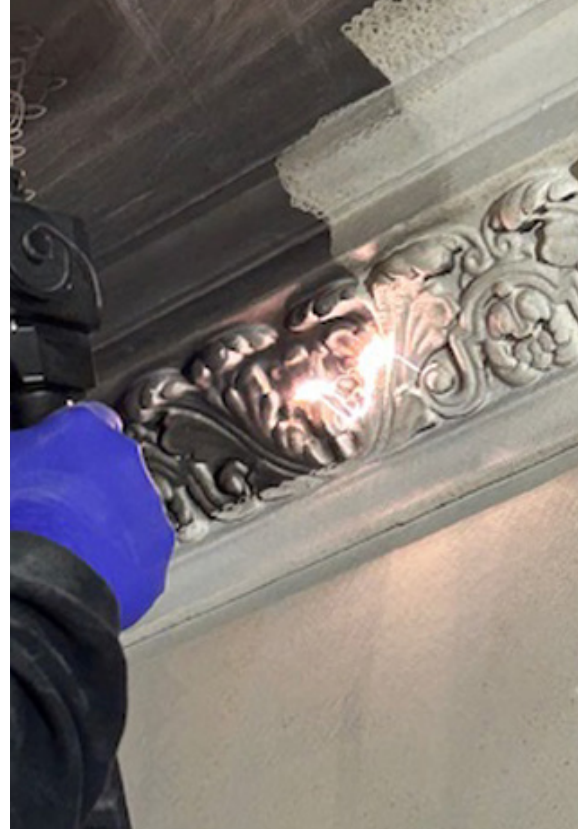
Summary

MRUK Ltd implemented a specialist laser cleaning solution to restore smoke and soot damaged period coving and decorative ceiling finishes following a fire incident within the property.

The use of precision laser technology enabled contaminants to be removed safely and effectively while preserving the original historic detailing.

This avoided unnecessary strip-out and replacement of bespoke plaster features.

Compared with traditional restoration methods, the approach reduced labour time, shortened the overall programme of works, minimised disruption within the property, and delivered a significant saving on reinstatement costs.



For more information about MRUK's restoration services, please call us now on **0808 146 7707** or email your enquiry to **info@midlandrestorations.co.uk**