



CASE STUDY



CROWNING GLORY AT KING'S HALL

Using a Crown Trade Timonox flame retardant coating system, P&D contractor S Peake & Son Limited has transformed the appearance of the King's Hall in Stoke on Trent, upgrading the fire safety of the ornate Victorian building at the same time.

With the support of the Colour Service and specification team at Crown Paints, the team of local decorators who worked on the two month project have not just delivered impressive aesthetic results, they have also helped Stoke City Council to fulfil its duty of care and comply with the requirements of the Regulatory Reform (Fire Safety) Order 2005 (RRFSO).

Proprietor Chris Peake and his team won a tender to redecorate the King's Hall, following behind a team of roofing specialists brought in to restore the lofty barrelled ceiling with its intricate mouldings and trellis work.



The schedule was tight, given the sheer size of the building and the amount of fine detailed work required. To add more pressure, the work had to be completed in time for a visit by HRH Prince of Wales and the Duchess of Cornwall, as they were due to tour Stoke on Trent as part of the City's centenary celebrations.

In addition to refreshing the colour scheme, the Council wanted the painted walls and ceilings of the King's Hall and the Main Foyer to have a Class 0 fire rating wherever practical. Experts from Crown Paints were called in to assist. The manufacturer's in-house colour consultants proposed a series of colour schemes for the project whilst specification consultants devised a comprehensive Crown Trade Timonox product and application specification, based on the usage of each area, assessment of the substrates and analysis of the existing layers of paint on the walls and ceilings.

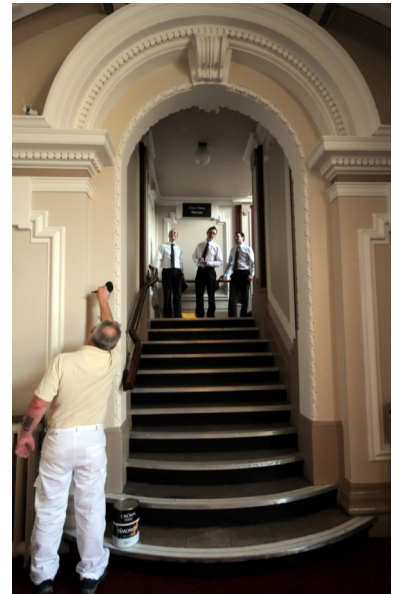
Due to the scale of the redecoration and the historic nature of the building, the colour scheme had to be agreed by conservationists and other officers from the Regeneration Department and the Chief Executive's Office, together with elected members of the Council. The final scheme chosen drew heavily on the Crown Trade Historic Colours Collection, employing tonal period colours that were judged to be respectful of the architect's original vision for the building and at the same time appropriate for a modern multi-purpose leisure and hospitality venue.

CROWN TRADE TIMONOX FLAME RETARDANT SYSTEMS

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continued



Work could now commence. To prepare all walls and ceilings, two coats of Crown Trade Timonox Intumescent Basecoat were applied by spray, brush and roller. "This went on really well using all three application methods and gave us an excellent foundation to work on," said Chris. "We then applied the decorative coatings - two coats of Timonox Vinyl Matt on the ceilings and upper gallery walls, and two coats of Timonox Acrylic Eggshell in the more heavily trafficked areas on the ground floor."



"We're all used to applying Timonox because our work frequently takes us into the social housing sector and other municipal buildings," said Chris, "Although they have such an important purpose, they're just like any other premium coatings to apply. The big difference is that because you are applying to a specification which will deliver a particular fire safety rating, it's critical that you maintain the exact spreading rate laid down in the spec and achieve the correct film thickness at all times."

A twelve-strong team of men had been seconded to the project to ensure the work was completed on schedule. "There was a lot to do and we had our comprehensive specification and a very detailed colour plan to work to," said Chris, "There was a great deal of fine brushwork required on the intricate mouldings and 'trellis work' which give this lovely old building its character."

With the Royal Visit looming, final touches were made to the paintwork and all the scaffolding was removed from the hall, leaving just the Main Foyer to be redecorated. Again a Timonox coating system was applied to walls and ceilings to deliver a Class 0 fire safety rating, and with just a few days to spare, the building was ready to welcome its VIP visitors.

Grant Williams, Surveyor from Stoke City Council Regeneration Department said:

"We're very happy with the work that Chris and his men have done and we're grateful for the assistance we've received from Crown Paints. They have helped us to restore this fine building to its former Victorian splendour and at the same time fulfil our duty of care in line with twenty-first century requirements."



For further information please click [here](#) or contact the Crown Trade Customer Relations Team on 0845 389 9583