

CASE STUDY

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Pyroguard delivers five star service to luxury Indian hotel



When the Indian Hotels Company Limited commissioned the design of their *Vivanta by Taj – Dwarka*, the latest luxury five-star business hotel just outside New Delhi, fire safety regulations scuppered the use of lifts which opened directly into the corridors of the hotel.

With the architects hoping to realise their vision of space and light on the ground floor, but the fire officer demanding fire safety partitioning around the base of the lift shafts, world-renowned manufacturer of fire-resistant glass, Pyroguard, tendered a stylish, high-performance solution.

Striking a balance between practicality and aesthetic excellence

Taking on board the design aspiration of the team at Indian Hotels, combined with the fire-safety requirements needed for design approval, Pyroguard envisaged a lobby encased in glass and steel, capable of delivering best-in-class performance credentials and aesthetic appeal in abundance.

Working closely with steel frame and glazing specialist Pacific Fire Controls, Pyroguard designed a modern glass wall, with a glazed door and stylish, thin steel frames which were independently fire tested by Efectis France. The scheme amendment was accepted by both the architects and the fire officers, declaring Pyroguard as their manufacturer of choice for this flagship leisure development.



Meeting the highest of standards

A subsidiary of India's largest business conglomerate, the Tata Group, the Indian Hotels Company is known for its relentlessly high standards, which are visible across its portfolio of hotels. Meeting this quality benchmark head on, Pyroguard supplied 390m² of ultra-thin lightweight Pyroguard Integrity Plus, which offers protection from flames, smoke and radiant heat for between 30 and 120 minutes.

This EW classified product is UV stable and offers exceptional light transmission, making it the perfect solution for encasing the lift lobby, which still needed to be flooded with light. The toughened glass was installed in fire-resistant steel screens and door frames around the

lobby, providing protection for hotel occupants making their escape in the event of an emergency.

The leadership team at Vivanta bu Taj , Dwarka commented on the success of the scheme adaptations: *“From the product credentials to the combined design talents of Pyroguard and Pacific Fire Controls, the adaptations made to the lobby area were of an exceptionally high standard.*

“Pyroguard understood our drive for relentless quality – something which we work hard to reflect in all of our Indian Hotels Group designs. We were more than happy with the revisions, which not only satisfied our aesthetic criteria but met the fire safety regulations set out by the enforcing officers too. It was a win-win situation.”



Upon completion of the project, the main contractor congratulated Pyroguard on its excellent levels of customer service, citing that their timely follow-ups and rapid response to queries were critical in driving the project forwards.



Ritesh Chhadwa, Sales Representative, for Pyroguard India concluded: *“Specifying Pyroguard products for such a prestigious hotel environment is a real testament to our quality standards and showcases the aesthetic finish that can be achieved with a product which is essentially designed to save lives.*

“Protecting the lift entrances from fire risk at ground floor level was essential for ensuring that, in the event of a fire, flames and smoke did not rise up through the shafts to the floors above. This doesn’t mean the client should have to compromise on style though, as demonstrated so well with this project.”

To discover more about Pyroguard Integrity Plus range please contact our dedicated and experienced Technical Team on +44(0) 1942 710 720 or visit our website **www.pyroguard.eu**