

Academy Tien The Netherlands



Combining fire safety and aesthetics at new Dutch Academy

Product: Pyroguard Protect
Client: JM Van Delft & zn
Frame: Steel application
Date: 2024

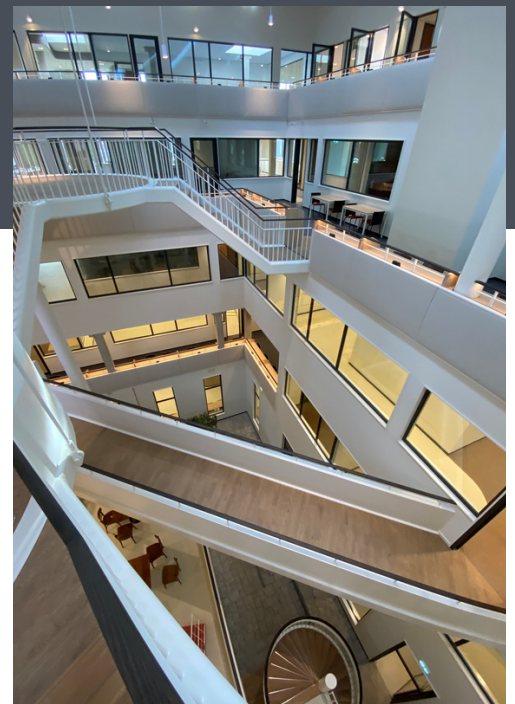
When it comes to constructing schools, colleges and universities, it's important to balance aesthetic design with building safety. It's about creating spaces that are not only safe and functional but also welcoming and inspiring for both staff and students. The new Academy Tien in The Netherlands strikes this balance perfectly, with Pyroguard's fire safe solutions playing a pivotal role throughout.



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Designed by Wiersema Architecten and de Architecten CIE, the Academy Tien is a beautiful new school building near the centre of Utrecht. Catering for students between 10 and 18 years old, the academy has been constructed with a contemporary open plan layout, to maximise the building's natural light transmission.



Contracted to deliver the fire-resistant steel interior partitions and frames on the project, was JM Van Delft & zn, a specialist in glazing system solutions. Ruud van Dal, Sales and Operations Manager at JM Van Delft & zn, said: *“Throughout this project, it was important that both aesthetics and safety were considered and well balanced. There was a clear requirement for keeping the school’s interior spaces light and open, while simultaneously providing a safe environment for students, staff and visitors to work and learn in. As a result, fire safety glass was chosen as the perfect material for installation within the building’s internal partitions, doors and central atrium.”*

“Pyroguard Protect EW60 was installed within the doors, sidelights and designated escape routes. While Pyroguard Protect EI60, offering the highest level of protection, was installed between classrooms and the central atrium, creating a series of fire safe compartments.”

This process of compartmentation can form a key part of any building's passive fire protection strategy, working to split the building up into a series of fire safe zones. As well as helping to limit the spread of a fire, this can also provide both a safe route of escape for occupants and a means of entry for the emergency services.



“Pyroguard Protect’s high visual appearance helped to maintain the light and open interior that the architect desired, while its multi-functional capabilities proved key in delivering improved acoustic control and impact resistance - something which was a clear priority when designing the new academy.”

**Ruud van Dal
JM Van Delft & zn**



Pyroguard Protect is a toughened fire safety glass, certified for use in steel, timber and aluminium profiles. Providing 30 to 180 minutes of protection against smoke and flames, 1B1 impact resistance, and UV stability, Pyroguard Protect ensures that both design and safety requirements can be achieved.

The Academy Tien opened its doors to students in January 2024.




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