

AMC Hospital, The Netherlands



A clear upgrade for AMC Hospital, with Pyroguard's fire safety glass

Product: Pyroguard Rapide Impact / Pyroguard Protect
Client: MedicomZes
Installer: Glasdesign
Date: 2025

After 40-years of operation, AMC Hospital in The Netherlands decided to undergo a major renovation, modernising the 1,000-bed facility with a clear focus on enhancing the safety and well-being of staff and patients. At the heart of the transformation was the replacement of over 10,000 m² of out-dated wired glass, bringing the hospital in line with the highest industry standards, while achieving a state-of-the-art, contemporary aesthetic.



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Originally built in 1983, AMC Hospital remains the largest healthcare facility in The Netherlands. As part of the renovation, the decision was made to replace all existing wired safety glass with new, transparent glazing solutions, ensuring the hospital adhered to current industry standards. This upgrade also addressed long-standing challenges with maintaining accurate product data records for the glass partitions and doors, many of which had been extended or replaced over the years without clear traceability. By upgrading the glass throughout the facility, AMC Hospital not only enhanced its aesthetic appeal and improved safety standards but also ensured data consistency across the entire site.

MedicomZes, a specialist in hospital construction and renovations, was entrusted with overseeing the project, while Glasdesign were appointed to fabricate and install the glazing systems. Given the scale and complexity of the project – set within a sensitive healthcare environment – MedicomZes approached Pyroguard as a trusted manufacturer with the capability of providing the required quantities of fire-resistant glass, whilst also meeting the hospital's stringent safety, design and performance standards.



Stefan van Gerven, Pyroguard's Regional Sales Director, said: *"During initial discussions, concerns arose about the compatibility of the existing timber frames with the new fire safety glass and the corresponding load requirements. We collaborated closely with Peutz, a specialist consultant, to test the existing frames as part of a complete system. This is where our extensive library of technical data proved instrumental, as we were able to confirm that the original timber could be retained, with the findings forming a key part of the renovation plans."*

"Considering the scale of the project and the volume of glass required, we also recommended a sampling exercise to evaluate the potential glass types that could meet the specified criteria. This process allowed both the architect and building management team to make a more informed decision. An additional consideration for the architect was the need for a fire safety glass solution that would enhance privacy for both patients and staff, through the use of a satin finish."



Following the sampling exercise, Pyroguard Rapide (Impact 7mm and Impact Satin) was specified for the internal partitions throughout the hospital, incorporating both clear and satin fire safety glass. Pyroguard Protect (Pyroguard T EW30 and T EI30) was installed in areas requiring larger, bespoke pane sizes, delivering exceptional fire protection while aligning with the architect's vision for aesthetic design.



Peter Blankers, Projectmanager at MedicomZes added: *"Working with Pyroguard has been instrumental in ensuring we met the hospital's safety and aesthetic goals. Their technical support and ability to address the specific challenges of the healthcare environment were invaluable. The final result not only enhances the safety of the building but also contributes to a modern and welcoming environment for patients and staff."*

Throughout the project, it was crucial that the building remained operational to minimise disruptions to patients and staff. Glasdesign successfully completed what is only the first phase of the project on time, with the project scheduled for full completion in a few years.



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