

Multi-Link-Panel NF Safe Rooflight System

European Patent (UK) No. 1055785

One of the primary requirements for many educational establishments, leisure facilities, factories and railway stations is for roof glazing that conforms to the ACR[M]001:2011 Test for Fragility of Roofing Assemblies, as required in HSE Document HSG33. The Twinfix Multi-Link-Panel NF modular roof glazing system does just that.



The Advisory Committee for Roofwork, led by the Health & Safety Executive, undertook research that led to the development of this test, which represents an impact on a roof surface. Twinfix has undertaken the required multiple drop tests on to the Multi-Link-Panel NF, achieving a 'B' rating.

'A' is the highest rating and requires multiple drops after which there should be no significant damage to the roof sheet and the assembly. The Twinfix 'B' classification is based on minimal damage from the multiple drops.

The Multi-Link-Panel NF combines a maintenance-free aluminium frame glazed with virtually unbreakable polycarbonate. It outperforms more traditional glazing systems in terms of cost, performance and long-term appearance.

Another major benefit of this modular glazing system is its 'fix and link' feature, which cuts installation time by two thirds compared to traditional cap and bar glazing systems. This reduces installation costs and, more importantly, minimises any necessary factory/premises/railway line downtime whilst the work is being carried out.



Polycarbonate is available in a variety of thicknesses and tints to allow for effective control of light and heat transmission. Multi-Link-Panels are fitted as northlights over classrooms, workshops, warehouses and railway depots in new-build projects or to replace failed corrugated GRP and Georgian wired glass. Multi-Link-Panels are manufactured to size for each individual project.

Twinfix have undertaken the required multiple drop tests on the Multi-Link-Panel NF, glazed with:

- 6mm solid (glass-like) polycarbonate
- 16mm and 25mm multiwall polycarbonate
- 7.5mm laminated glass

All three versions pass the test with a 'B' rating and can therefore be classified as non-fragile.



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