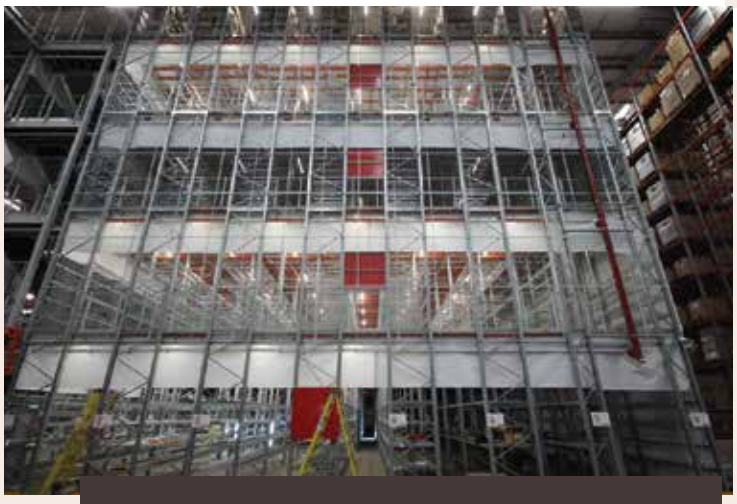
Offices & Warehousing

Phoenix specified to protect logistics warehouse



A large, multi-level logistics warehouse was upgraded using Phoenix and FB180 Batt system

Part of an international supply chain and logistics business, a vast warehouse in the Medway area of Kent enclosing almost 380,000 sq. ft. of storage space, has had its fire performance upgraded by a regular **FIREFLY**® customer utilising the manufacturer's Phoenix barrier material together with the recently launched 180 ablative batt and ancillary products to create a curtain running around the building perimeter.

The work at the Noatum Logistics ePort warehouse on the Isle of Grain was carried out by Essex based T&R Fire Protection over a five-week period earlier this year, with its operatives using a variety of access approaches to attach the lightweight Phoenix barriers to roof purlins and floor beams. **FIREFLY**® High Temperature Adhesive and special staples were used to secure the 150mm overlaps between lengths of the Phoenix material, as well as to secure the curtains to the lengths of steel angle and heavier section Unistruts.

The Site Manager for T&R Fire Protection, Tom Port-Smith, commented: "While we regularly put forward **FIREFLY**® systems for a variety of applications as our 'go-to' manufacturer for fire compartmentation. In this case the clients, Noatum/Dexion specified Phoenix based on having successfully installed in previous projects. We get great technical support from **FIREFLY**® whenever we need special details and the installation at the Medway premises went smoothly with the barriers being attached right around four floors and a walkway across a total distance of 600 metres."

Andy Greenwood, the Technical Sales Manager for **FIREFLY**®, explained how the relatively short Phoenix fire curtain offers a form of compartmentation in such situations: "A 300mm fire break, around the perimeter of a warehouse, is a standard fire safety measure."

"This means the 300mm wide band of fire-resistant material is used to separate different sections of the building – which typically house large amounts of flammable material – helping to contain a fire and prevent it from spreading. This is crucial for both life safety in allowing time for evacuation, and property protection: limiting damage and loss to the area where the fire starts."

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> Tom Port-Smith, Site Manager, T&R Fire Protection