

Alumasc Press Release

Caterpillar UK

December 2011

Caterpillar Choose Alumasc For Major Roof Refurbishment

Firestone RubberGard® single ply waterproofing from Alumasc has been used for a major re-roofing project at the Caterpillar Logistics facility in Desford, Leicestershire.



Project Name	Caterpillar Logistics UK
Project Location	Leicestershire
Client/Architect	Caterpillar
Alumasc Products Specified	Firestone RubberGard®
Alumasc Approved Installer	Modern Roofs of Leicester

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Firestone RubberGard® single ply waterproofing from Alumasc has been used for a major re-roofing project at the Caterpillar Logistics facility in Desford, Leicestershire. Firestone RubberGard® not only met Caterpillar's stringent environmental and insurance criteria, but was also installed to a tight time schedule during harsh winter conditions and without any disruption to business.

The Caterpillar facility comprises several buildings housing both warehouse operations and administrative offices over a total of 1.8 million square feet, providing comprehensive logistics services to a wide range of clients and distributes materials worldwide.

38,000m² of Firestone RubberGard® was installed to Building C by Alumasc's Approved Contractor Modern Roofs of Leicester. The system specification will help to increase the roof's insulation performance and improve heat retention whilst its 'Enviro-ready' design offers the potential to cope with any subsequent installation of green systems i.e green roofs or photovoltaic systems.

The final specification for Caterpillar was very straightforward, explains Adrian Dickinson, project engineer at the Desford site; "Firestone RubberGard® is an FM approved system and has an excellent track record on over 20 other projects across the Caterpillar organisation. Importantly, its Enviro-ready properties made it the only solution to provide the option of retrofitting thin film photovoltaics."

Now complete, Adrian reports that the roof is already delivering tangible benefits in terms of an improved working environment inside the building. He comments; "The new roof has resulted in a watertight warehouse with clear advantages. The system included 0.20W/m²k U-value insulation and the warehouse has been noticeably cooler during the summer and warmer in the winter months."

Firestone RubberGard® EPDM membranes offer a unique combination of features and benefits which have been demonstrated on countless commercial, industrial and residential rooftops around the world. They comprise a fully cured membrane composed of EPDM polymer and carbon black offering unmatched resistance to ozone and UV radiation. As the membrane is inert and does not contain any plasticizers, its characteristics remain stable and unchanged over time thus providing a sustainable roofing solution offering Caterpillar the additional benefits of low life-cycle costs and minimal maintenance requirements.

Alumasc is the Commercial and Industrial Authorised Distributor for Firestone RubberGard® EPDM and UltraPly™ TPO single ply roofing systems in England, Wales and Scotland.

For more information visit www.alumascwaterproofing.co.uk.