

PRESS RELEASE

Job No. PR015/17

Issue Date: August 2017

Morgan Advanced Materials gains EU certification for structural steel fire protection system

A sophisticated structural steel fire protection system from Morgan Advanced Materials has been certified for the fire protection of structural steelwork in compliance with the EU Construction Products Regulation (Regulation 305/2011/EU).

Morgan's advanced system is based around its FireMaster Marine Plus blanket, a non-combustible flexible blanket which is wrapped around the structural steel profile of a building and held in place with welded anchors and friction fit washers. During tests, Morgan's system has been proven to provide good thermal and acoustic insulation and using a blanket density of 96 kg/m³, also offers a lightweight fire protection solution for steelwork for up to three hours.

Fire tested in accordance with EN 13381-4 standard, the system is certified through Underwriters Laboratory International in accordance with ETAG 18-4. Key to its effectiveness is the fact that the blanket is manufactured without the use of organic binders, eliminating the potential for smoke emission in the event of fire. Instead, it has been designed using low-biopersistent Alkaline Earth Silicate (AES) fibres, exonerated from carcinogenic classification in accordance with EU Directive 67/548/EWG. The required tensile strength is provided through mechanically needling the fibres in the blanket together, giving the blanket a maximum use classification temperature of 1,200°C.

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Allan Beeston, Global Fire Protection Manager at Morgan Advanced Materials commented: “By manufacturing our steel structural fire protection system using our proven AES fibres, we have created a durable but lightweight solution. For our system to be certified as compliant with the EU Construction Products Regulation is evidence of both its effectiveness and reliability.”

For further information, please visit: www.morganfireprotection.com/EUCertification

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About Morgan Advanced Materials

Morgan Advanced Materials is a global materials engineering company which designs and manufactures a wide range of high specification products with extraordinary properties, across multiple sectors and geographies.

From an extensive range of advanced materials we produce components, assemblies and systems that deliver significantly enhanced performance for our customers’ products and processes. Our engineered solutions are produced to very high tolerances and many are designed for use in extreme environments.

The Company thrives on breakthrough innovation. Our materials scientists and applications engineers work in close collaboration with customers to create outstanding, highly differentiated products that perform more efficiently, more reliably and for longer.

Morgan Advanced Materials has a global presence with over 10,000 employees across 50 countries serving specialist markets in the energy, transport, healthcare, electronics, petrochemical and industrial sectors. It is listed on the London Stock Exchange in the engineering sector.

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