

News release



BASF's Palusol® fire protection panels now certified under European construction product fire classification

“Non-combustible” with top grade A1

- **Open access to any applications in construction and transport**
- **Customers save time and money in structural component testing**

The fire performance of Palusol® fire protection panels has recently been given the top A1 rating for construction products under European DIN EN 13501-1, which means that Palusol is now classified as a “non-combustible” construction material across Europe. The certificate was issued by the accredited Testing, Monitoring and Certification Body of the Technical University of Munich.

The key element in the assessment is the SBI (Single Burning Item) test stipulated by the EU Construction Products Directive in which the material is exposed to the thermal attack by a single burning item. The specimen is placed in a corner under a smoke hood and its reaction to flames, e.g. heat and smoke generation, is recorded and used to rate the product in fire protection classes A1 (non-combustible) to F (highly flammable).

Classification makes use across Europe easier

The Palusol fire protection panels, which are non-homogeneous in structure, are composed of sodium silicate and glass fibers coated with epoxy resin to protect against external environmental effects. They provide passive fire protection, for example in fire protection

September 25, 2014
P343/14e
Jutta Schmidt
T: +49 621 60-42242
jutta.schmidt@basf.com

BASF SE
67056 Ludwigshafen
T: +49 621 60-0
<http://www.basf.com>
Corporate Media Relations
T: +49 621 60-20916
F: +49 621 60-92693
presse.kontakt@basf.com

doors, fire-resistant glazing, safety cabinets and firewalls. The A1 classification gives Palusol access to any safety applications in construction and transport, and makes it easier for BASF's customers to use Palusol in structural components sold outside of Germany. "For construction materials in applications marketed across Europe, the requirement to provide European certification based on one harmonized process rather than several national fire protection classifications is becoming increasingly common", explains Andreas Bolz, Business Manager at BASF. "Palusol's top rating in construction material class A1 now makes it easier for many customers to plan and develop new applications, which in some cases are complex structural component systems. They can also make savings in terms of costly and expensive tests on finished parts."

About Palusol

Palusol fire protection panels have been providing passive fire protection complying with building regulations for over 30 years. At temperatures in excess of 100 degrees Celsius the panels foam under blowing pressure, creating a fine-pore, pressure-resistant, non-combustible and heat-insulating foam which fills joints and gaps and prevents heat, fire and smoke spreading for a certain length of time.

www.palusol.de

About BASF

At BASF, we create chemistry – and have been doing so for 150 years. Our portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. As the world's leading chemical company, we combine economic success with environmental protection and social responsibility. Through science and innovation, we enable our customers in nearly every industry to meet the current and future needs of society. Our products and solutions contribute to conserving resources, ensuring nutrition and improving quality of life. We have summed up this contribution in our corporate purpose: We create chemistry for a sustainable future. BASF had sales of about €74 billion in 2013 and over 112,000 employees as of the end of the year. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (AN). Further information on BASF is available on the Internet at www.basf.com.