



SAPPHIRE™

Fighting fire to protect your and the world's environment

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SAPPHIRE™



SAPPHIRE™ Fire Suppression System - Protecting what is important

Protecting you

When a fire breaks out, the first priority is protecting people and property. With the SAPPHIRE™ Fire Protection System, Wormald has created a unique fire protection product to protect all that is important with no lasting effects.

SAPPHIRE's™ chemical agent looks like water but leaves no water damage or residue behind once the fire is out – leaving people free to get on with their business.

Protecting the home, business and belongings

The SAPPHIRE™ Fire Suppression System uses a unique sustainable chemical agent to fight fire without causing damage to sensitive equipment, art work, and irreplaceable artefacts, as well as people.

While it is stored in a liquid form, the chemical agent quickly vaporises when released, rapidly extinguishing the fire by absorbing heat, and leaving no messy residue behind.

Once released, SAPPHIRE™ releases the extinguishing chemical agent in just ten seconds, stopping Class-A and Class-E fires, before they have a chance to spread.

SAPPHIRE™ is also non-corrosive and non-conductive, so it will not damage delicate electronics, radar, navigation and other equipment.

The result is less damage to property, lower repair costs, and less impact on lifestyle and business due to minimal repair time needed.

Fact: The SAPPHIRE™ Fire Suppression System will extinguish Class-A and Class-E fires in seconds.

A viable, long-term and sustainable solution for fire protection

Fact: Unlike some chemical agents, which last in the atmosphere for more than 33 years, SAPPHIRE™ only has an atmospheric lifetime of 5 days.

With the increasing awareness of the damage 'greenhouse gases' can do to the environment, it is becoming more important to select fire protection systems with minimal impact on the environment.

Wormald's SAPPHIRE™ Fire Suppression System is a carbon based chemical with zero oxygen depleting potential.

Because SAPPHIRE™ puts out fires at extremely low concentrations, it does not significantly reduce ozone levels and has a green house warming potential of just one.

Unlike some chemical agents that last in the atmosphere for more than 33 years, SAPPHIRE™ has an atmospheric lifetime of just five days, making the system a viable, long-term and sustainable solution for fire protection.



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Protecting People & Property



Protecting people, property and business continuity

Due to its fast extinguishing ability, and minimal damage on property, SAPPHIRE™ systems are ideal for areas where there is high-value equipment.

Typical applications include:

- > Telecommunications switch rooms
- > Computer centres
- > Museums and archives
- > Oil and gas industry sites
- > Power generation installations
- > Military and aviation vehicles
- > Marine vessels
- > Rail and mass transport
- > Hospitals
- > Libraries.

Key features

- > Uses the revolutionary 3M™ Novec™ 1230 Fire Protection Fluid
- > Zero ozone depletion potential
- > Global warming potential of one
- > Clear, colourless and low odour agent
- > Simple to refill
- > Discharges in 10 seconds
- > Internationally approved
- > Non-corrosive and non-conductive
- > Sustainable and low cost.

To upgrade your fire protection system integrating the SAPPHIRE™ Fire Suppression system contact Wormald.

SAPPHIRE™

Available at Wormald

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