

Tradition in harmony: Rotkäppchen-Mumm Sektellereien (a sparkling wine producer) relies on fire protection from Tyco Integrated Fire & Security



High quality standards

High quality standards are of paramount importance to the company in many areas. At the Freyburg location Rotkäppchen-Mumm Sektellereien has started operating a new sparkling wine ripening hall and warehouse alongside the current one in order to better meet the growing need for logistics, and warehousing close to the actual production.

The new hall is a joint project between Rotkäppchen-Mumm Sektellereien and its logistics partners Rhenus und Offergeld, and will complement the facility's existing capacity. In a warehousing space of more than 22,000 square metres, 35,000 pallets can now be prepared with the group's approx. 400 different products for shipping to trade partners across Germany. Twenty two gates are available for loading and unloading the trucks. Alongside Bingen on the Rhine, the new sparkling wine ripening and warehousing hall in Freyburg is the second warehousing site in the logistics operation of Rotkäppchen-Mumm-Sektellereien. Security played a decisive role during the construction of the new hall. This is where the team from Tyco Integrated Fire & Security were asked to help. The fire protection experts had already installed fire protection systems in a previous sparkling wine cellar and were therefore familiar with the building and its circumstances.

Taste, pleasure and good times

Rotkäppchen and Mumm are two of the ten brands within Rotkäppchen-Mumm Sektellereien, one of Germany's leading wine and sprit houses, steeped in tradition. Here, numerous established brands are united under one roof, whose roots go back as far as 1507.

The company is located in five small towns; Freyburg an der Unstrut, Eltville am Rhine, Hochheim am Main, Breisach am Rhein, and Nordhausen am Harz. At these locations, the finest sparkling wine and a variety of spirits are created for true aficionados and connoisseurs. In the Rotkäppchen Sektellerei winery in Freyburg an der

Unstrut, fine, fruity and well-ripened sparkling wines of a special quality have been produced in since 1856. A visit to the winery is a unique experience where visitors can see the historic atrium built in 1893 and the five-storey vaulted cellar that is ten years older. The highlight is often the mighty dome cellar with the largest carved wood cuvee barrel in Germany that is more than 110 years old and from whose contents 160,000 bottles of sparkling wine can be prepared. The self-imposed commitment of Rotkäppchen-Mumm Sektellereien is tangible even in this attractive environment, and the quality of the products lies at the heart of all the company's work.

Case Study

“We installed over 1,200 sprinklers in both of the new warehouses,” said Lutz Weiß, project manager for Tyco IFS. Exactly the right technology to safeguard the valuable spirits, sparkling wines, and wines against fire – and in the case of a fire, to prevent the fire from spreading and minimise the loss.



The system

The sprinklers featured a specially designed extinguishing nozzle which is closed by a small glass container, and which automatically responds to heat from fire. The moment the temperature reaches a predefined level, the small glass container bursts the nozzle seal is releases and the system is activated. Water is ejected immediately and is directly and effectively distributed through a spray disc over the source of the fire as a fine water spray. The respective sprinkler control centres are connected to the fire alarm systems in the same way as a traditional fire detector, and they trigger a fire alarm when a drop in pressure is detected. This is transmitted to the police, fire brigade, site security or other assistance services depending on the how the system is programmed.

“Sprinkler systems work in an exceptionally effective way, because they selectively trigger an alarm, and only activate where extinguishing is really necessary,” explained Lutz Weiß. “That’s why they are a highly effective fire protection measure, especially in areas with such valuable products, like those at the



Rotkäppchen-Mumm Sektkellereien. The activated sprinklers contain fires to their source, facilitating the fire brigade’s extinguishing operations, and limiting damage.”

With a broad product portfolio, Tyco IFS has been offering fire protection systems for more than 125 years tailored in line with the place of deployment and the objects to be protected. An efficient and secure solution was also found for Rotkäppchen-Mumm Sektkellerei – meaning that Rotkäppchen’s sparkling secret will also be protected against fire in the future in the best possible way.

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