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“A New Extinguishing Agent Has Been Implemented in the District of Böblingen. A Special Extinguishing Agent Which Extinguishes Faster and Better. Böblingen is the first in Baden-Württemberg to use the Encapsulation Agent district wide. A powerful fire brigade is essential in every city and town. They must be well equipped to handle emergencies”.

The new extinguishing Encapsulation Agent has been used extensively throughout BadenWürttemberg district, and now is being used exclusively on fire engines in Böblingen. The agent extinguishes fires faster and better and is more environmentally friendly. "We have in the district of Böblingen a network of highly effective stores of the Encapsulation Agent in small quantities with larger quantities available for major events," says Vice-District Wolf Eisenmann.

The operational concept functions in two stages. Between 20 and 400 litres of the Encapsulation Agent is available in the cities and communities for smaller fires. In the cities of Herrenberg and Böblingen are two roll-off containers with 4,000 litres of Encapsulation Agent. If there is a large loss event, a container is delivered to the scene of the fire where it can be connected to eight fire engines.

The preplanning by the district is clearly evident. "Not every community needs large amounts of the Encapsulation Agent, but we want everyone to be well equipped for any future firefighting events," said Eisenmann. The two roll-off containers are also available to other counties in the state. The district of Böblingen has invested 60,000 euros in the installation of the two containers. "All the fire trucks in the district of Böblingen can use the new Encapsulation Agent without any modifications.

The Encapsulation Agent is added to the water tank to produce the desired ratio. Experience has shown a 2% - 3% mixture to be successful on Class A fires. As usual, it is applied to a fire with a standard firefighting nozzle," said District Fire Chief Guido Plischek. Throughout the region, approximately 7,000 litres of Encapsulation Agent are available. Moreover, in Leonberg, 500 litres of it are stationed for use in case of fire in the Engelberg tunnel.

District Fire Chief Plischek reported that last year they experienced two major fires where the Encapsulation Agent was used. In both cases, the intensity of the fire was greatly reduced and there was a rapid cooling in the area around the fire. The Encapsulation Agent is also particularly well suited for electric vehicle fires. "All in all, the product has exceeded our expectations with very positive results."

