

CASE STUDY

VIO PLAZA, VIENNA: **MAXIMUM SAFETY**

In the Vio Plaza complex in Vienna, Datwyler's cabling systems with functional integrity are making an important contribution to fire prevention.

In the last few years, the impressive architecture of the Vio Plaza residential and business complex has appeared in the south west of the Austrian capital, right beside the river Wien. The new construction, whose 60 metre tower can be seen from afar, combines over 20,000 square metres of office space with a 10,000 square metre shopping centre, 166 rented accommodation units, hotel and restaurant facilities and a three-storey underground car park.

One of the things enjoyed by tenants at Vio Plaza is the state-of-the-art electrical and communications infrastructure. This was installed by a consortium comprising eww Anlagentechnik GmbH and the Vienna branch of Elin GmbH.

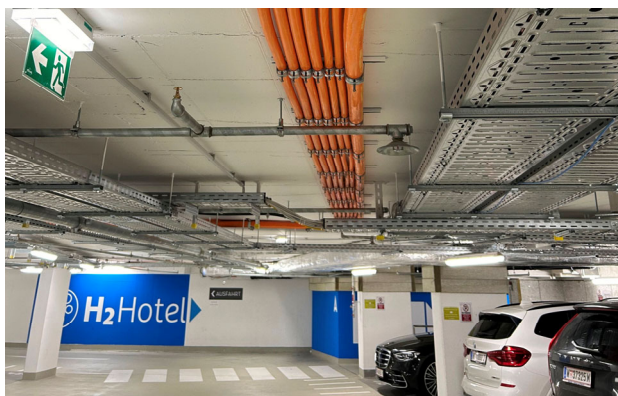
One of the consortium's tasks involved installing safety cabling with E30 and E90 functional integrity. These cabling systems ensure that, in the event of a fire, the building's safety-relevant equipment – for instance the lift, fire alarm, sprinkler or smoke extraction systems – fulfil their "intended function" for at least 30 or 90 minutes, depending on the system.



Installation according to the standard

A large proportion of the installed cable and fastening systems with enhanced functional integrity – all to ÖNORM DIN 4102-12 – comes from Datwyler. Datwyler supplied Elin with all of the low current and signal cables needed as well as countless clamps.

eww Anlagentechnik was supplied mainly with power cables with cross-sections up to 4x150/70, around 4000 strap clamps and 40 WUM support measures for standardised cable installation in vertical shafts.



Nicola Leenheer, Project Supervisor at eww Anlagentechnik, praises the excellent collaboration with the Datwyler team. "It was great", he said, summing up his experiences from the project. He bases this primarily on the challenging logistics. Because the location of the site meant that each of the 40 to 50 deliveries had to be made within a tight timeframe of just 30 minutes. And they were "always on time", even with such large cable drums.

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