

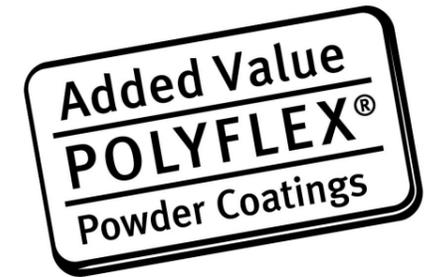
KABE Powder Coatings

KABE Farben hits the bullseye with its golden solution

Creating a functional building with a harmonious design requires special architectural skill and sensitivity. With the help of KARL BUBENHOFER AG, an attractive training centre has been built for the Zurich cantonal police force.



KARL BUBENHOFER AG



The state-of-the-art “Trockenloo” training centre for the Zurich cantonal police force in Regensdorf, which came into operation in 2019, is a technical and architectural masterpiece. The spacious, newly built centre houses three indoor firing ranges for handgun training and a separate self-defence training room which are equipped with the newest technology. “Because the building is in a residential area, it’s important that the noise of the shooting cannot be heard from outside. That’s why we have made the walls extra thick and installed six outside ventilation units with special sound absorbing systems,” explains the architect Cyrill Denzler. The building is also fitted with an ultra-modern environmentally friendly heating system and the latest high-tech equipment in the firing ranges.

The colour enhances the impressive, harmonious architectural design

In the open competition, the Moos Giuliani Herrmann architects’ practice impressed the jury with its “Gunpowder and Pistol Smoke” project. Cyrill Denzler was responsible for designing the new centre from the very beginning and acted as general project manager until the handover of the finished building. It goes without saying that practicality is the top priority for a training centre. The main considerations during the planning process were the user-friendly layout of the rooms, an efficient indoor traffic flow and the use of a cost-effective, solid construction system consisting of pre-fabricated concrete components. The overall concept was that form should follow function, but it was also important for the building to have an attractive appearance. “Our aim was to achieve a balance between utility and atmosphere, while creating an enclosed unit. We looked for shapes, design elements and colours that have links with shooting,” says Cyrill Denzler. This led to the creation of the “perforated” font, where the perforations represent bullet holes, and the gold colour of the metal parts, which is the same as bullet cases. However, finding the right shade of gold for powder coating the metal components proved to be a hard problem to solve. A wide range of metalworking firms, specialist coating companies and powder coating suppliers were asked to find a solution, but no one could provide the architects with the precise shade of gold to meet their specific requirements. They had almost given up hope when the project consultancy team from KARL BUBENHOFER AG came up with the right result.

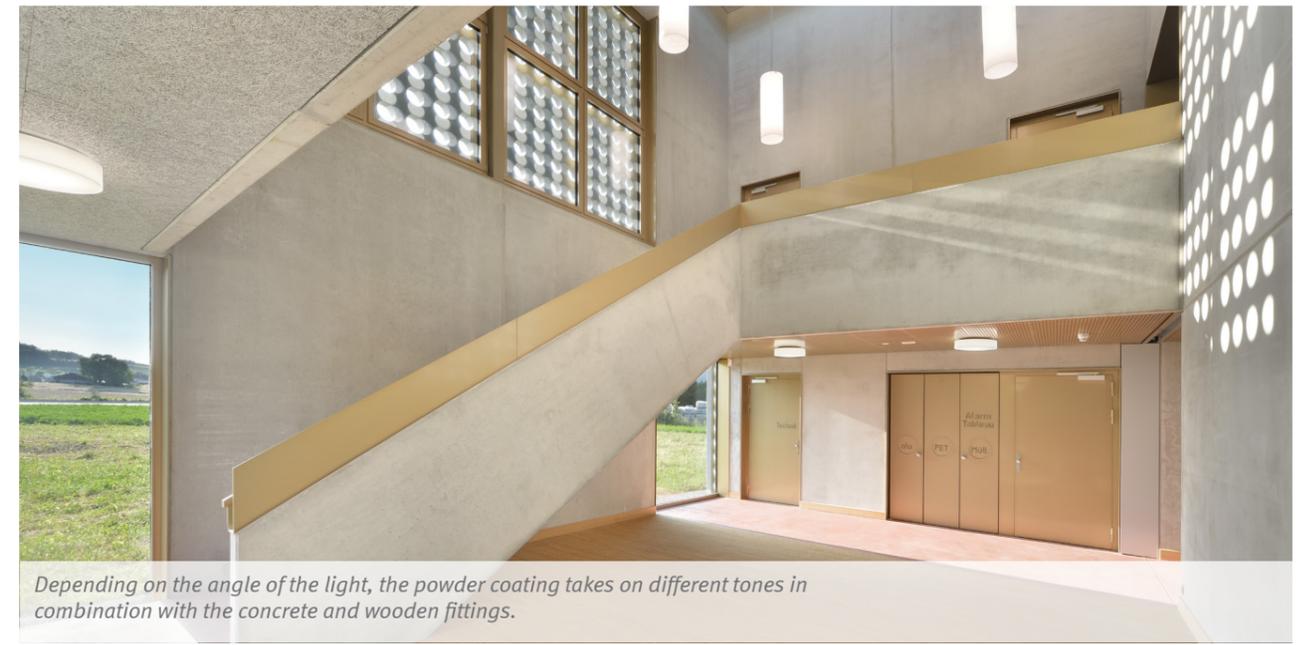
Gold-coloured powder coating from KABE

Mario Füglistaler, project key account manager at KARL BUBENHOFER AG, was responsible for finding the correct shade. He met with the architects to get an accurate understanding of their requirements and their ideas. This allowed him to define the gold tone that they wanted. The team at KABE was then able to formulate the exact colour that Cyrill Denzler had envisaged. They used the POLYFLEX® PES-135 metallic bonded silk-matt product in gold bronze to formulate the new powder. The top coat is a POLYFLEX® silk-matt transparent polyurethane powder with excellent light and weather resistance, very good flow properties and good mechanical resistance. This last factor is a major advantage in public buildings where the fittings are sometimes exposed to rough treatment.

Extensive experience of applying powder coatings is essential to achieve the best results. Zollinger Thermobeschichtungen AG, a coating company in Tegerfelden in Aargau, was the ideal partner for this challenging task.



Most of the interior metal components have a characteristic silk-matt gold bronze coating.



Depending on the angle of the light, the powder coating takes on different tones in combination with the concrete and wooden fittings.

The parts that the company coated were both attractive and functional. The gold-coated metal doors, window and door frames, ceiling panels and coat hooks create a harmonious impression in combination with the concrete walls and wooden fittings. Depending on the angle and source of the light, the powder coating takes on different tones, but it does not dominate the colour scheme. The shade of gold lends a warm finishing touch to the functional training centre. The perforated font designed by Denzler also looks particularly impressive on the gold surfaces.

Cyrril Denzler from Moos Giuliani Herrmann is very pleased with the way his ideas have been put into practice. "I believe that the design of an environment like this not only promotes the well-being of the visitors and users but also contributes to better training results. We all know that we work more effectively in a pleasant environment, which means that we are also more productive," says Denzler. The POLYFLEX® powder coating system from KARL BUBENHOFER AG is the perfect solution to the architects' problem. KABE has hit the bullseye!



The shade of gold lends a warm finishing touch to the training centre.



The "Trockenloo" training centre for the Zurich cantonal police force is a technical and architectural masterpiece.

Contact details

KARL BUBENHOFER AG, Tel. +41 71 387 43 73, pulver@kabe-farben.ch, 9201 Gossau

KABE Pulverlack Deutschland GmbH, Tel. +49 (0) 7255 99 161, info@kabe-pulverlack.de, D-76676 Graben-Neudorf

Zollinger Thermobeschichtungen AG, Tel. +41 56 268 62 00, Bünte 39, 5306 Tegerfelden AG

moos giuliani herrmann architekten, Tel. +41 52 301 23 23, Landstrasse 55, 8450 Andelfingen, www.mgh.ch

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