



Schloss Elmau – 2015 G7 Venue

Location

Garmisch-Partenkirchen, Germany

Description

Installation of Brazilian quartzite on terraces and balconies with AquaDrain drainage solution.

BAL products used

DRAINAGE MAT: AquaDrain EK

DRAIN GRATE: AquaDrain FLEX

Project partners

ARCHITECT: Christoph Sattler, Hilmer & Sattler and Albrecht

CONTRACTOR: Fliesen Abel GmbH

“The very high-quality standards of the client combined with the extremely tight schedule from order placement to completion was a challenge and required a trusted system.”

Franz Bartlsperger, Fliesen Abel.



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Protecting sensitive stone from water damage at G7 venue

In 2005 a 20-hour fire destroyed large parts of Elmau Castle near Garmisch-Partenkirchen in Germany. The fire was so severe that four million litres of water were used to put out the flames. Thanks to the efforts of the owners, the luxury hotel was rebuilt however in time for the G7 summit in 2015 to show it in all its glory – as well as the completion of the new Elmau Castle Retreat.

Gutjahr System Technology for external tiling, now available from BAL played a vital role in protecting the balconies and terraces of both hotels.

Following the fire, the castle owner invested around €40million to rebuild the listed building. Together with architect Christoph Sattler and a team of other architects and designers, a concept was developed for a modern spa hotel within the ancient walls. The result was a modern, five-star superior luxury hotel.

In March 2015, the additional Elmau Castle Retreat was opened 150 meters west of the castle hidden in the hillside.

As part of the renovation it was proposed to cover the balconies and terraces with Brazilian quartzite tiles.

Rising to 1,000 meters above sea level, the castle faces extreme weather conditions including cold winters, excessive rain fall and variable temperatures. Since the natural stone specified is particularly sensitive, precautions were necessary to protect it from efflorescence and water staining.

Experts recognised this in advance and so specified the AquaDrain EK drainage system for external tiling – now available from BAL.

AquaDrain EK is a passive capillary surface drainage matting, designed for the installation of natural stone, tiles and slabs on drainage mortar on balconies, terraces and roof terraces.

Six years after the re-opening of Elmau Castle, construction began on the second hotel. And because the balconies and terraces of the parent venue were still in perfect condition, the client decided to protect the new Elmau Castle Retreat with Gutjahr System Technology.

Hero products

- AquaDrain EK drainage mat
- AquaDrain FLEX drain grate



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Project files

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