

## wedi delivers custom-made luxury production for Hotel Wynn Macau

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Individual room design at the Hotel Wynn Macau

### Impressive pool suite using wedi elements

**The wet room systems provider wedi of Emsdetten is also a specialist in custom-made solutions for wet areas. The considerable flexibility of the extruded rigid polystyrene foam allows for completely individual designs to be created according to the customer's requirements. The owners of a hotel complex in Macau have drawn on this expertise. Two exclusive pool suites were created with the use of wedi elements at the 5-star hotel. The elements ensure reliable and sustainable moisture protection of the substrate whilst excite with their visual impression.**

#### **Impressive room design**

For the interior pool suite of the Hotel Wynn Macau, wedi manufactured custom-made elements using extruded rigid polystyrene foam. The steps were designed to feature an elaborate, especially heavy set of handrails on each side. In order to hold this weight, both sides of the steps were equipped with reinforcements in the factory, and the handrails were also secured to the floor on-site to ensure complete stability and safety. The pool suites themselves were not standard models either, but manufactured according to the requirements of the hotel. This required precision milling of the elements to enable quick and easy integration of technology systems on-site during the installation of wedi elements.

#### **High degree of prefabrication**

The high degree of prefabrication of the individual elements was especially important for the owners of the hotel to allow the time required for the installation to be reduced to the minimum. The prefabricated modules only needed to be connected, attached and sealed in a plug-and-play manner, thus sources of error were reduced and the functionality of the system was ensured.

## About wedi

wedi GmbH, based in Emsdetten, is a leading manufacturer of and systems provider for directly tileable, watertight construction elements in Europe and North America. The extensive portfolio is complemented by high-quality design surfaces which provide additional design options in the bathroom. With its innovative system solutions and guaranteed system reliability, wedi offers long-lasting complete solutions for wet rooms. The family company, founded in 1983 by Helmut Wedi, today employs around 400 members of staff and is active in more than 30 countries.

## Images



All individual components were delivered to the construction site in finished form. Thanks to them being lightweight, even the large parts were easily carried by one person.

## Image available to download at:

[https://www.blumoon.de/kundendownload/wedi/hotel/Anlieferung\\_der\\_Einzelemente.jpg](https://www.blumoon.de/kundendownload/wedi/hotel/Anlieferung_der_Einzelemente.jpg)



Due to the high degree of prefabrication of wedi elements, technology systems simply just needed to be inserted into the pre-milled cavities on site.

**Images available to download at:**

[https://www.blumoon.de/kundendownload/wedi/hotel/vorgefertigte\\_wedi-Elemente.jpg](https://www.blumoon.de/kundendownload/wedi/hotel/vorgefertigte_wedi-Elemente.jpg)



For the stair structure, wedi elements only needed to be connected and bonded to each other. After sealing of the joints, they were ready to receive the required surface finishing.

**Image available to download at:**

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As the elaborate set of handrails fitted on the steps were very heavy, individual wedi elements were reinforced to be able to carry their weight and the handrails were also secured to the floor.

**Image available to download at:**

[https://www.blumoon.de/kundendownload/wedi/hotel/Pool-Bereich\\_Wynn\\_Macau\\_Montage.jpg](https://www.blumoon.de/kundendownload/wedi/hotel/Pool-Bereich_Wynn_Macau_Montage.jpg)





The steps up to the second pool suite have a sophisticated design. Here, the factory reinforcement and the attachment to the floor once again ensure that the heavy handrails are held in place.

**Images available to download at:**

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