



SIKA AT WORK

MAGOR BREWERY, NEWPORT

Location:

Newport, Wales

Project:

Magor Brewery – Flooring solution for brewery – still in service after 35 years

Client:

AB InBev

Market Sector:

Industrial Flooring

Products Used:

- Sika® Ucrete® UD 200
- Sika® Ucrete® UD 200 SR

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Background

Established in 1979, Magor Brewery is the largest AB InBev brewery in the UK covering 50 acres of land in Monmouthshire, Wales. From here, global brands of beer are produced on a round-the-clock production schedule. In just one day, it has the capacity to produce two million bottles, 1.8 million cans, and thirteen thousand kegs.

The Challenge

With a demanding production schedule and strict hygiene requirements, the flooring solution must be resilient, durable, easy to clean, and capable of withstanding both spilled products and cleaning agents over its lifespan. Due to the high-volume production schedule, any downtime for floor repairs or renovations would incur significant costs for AB InBev. Bill Longland, the site's Project Engineer, emphasised the operational intensity, stating, "The kegging hall is running three shifts a day filling up to 1000 kegs per hour. You can see how congested with machinery the whole plant is and can imagine the huge cost in lost production and logistics that a full refurbishment of this floor would entail."

Our Solution

Installed in 1984, the kegging hall has over 2,000m² of Ucrete UD 200 flooring—a testament to its exceptional longevity and durability. Even after 35 years of continuous use, this floor remains in use. It is chemically resistant to chemicals common in the brewing industry, including beer, sugar, and high dose cleaning chemicals. Its impact-resistant properties have endured kegs falling on its surface over the decades. It also remains as cleanable as stainless steel throughout its life, vital with ever changing regulatory standards. To this day, Magor Brewery continues to rely on Sika® Ucrete® for new installations across its facility.

Benefits

- Sika® Ucrete® UD 200 floor still in operation for over 35 years from initial install.
- Slip resistance is retained due to durable aggregates used in the floor.
- Sika® Ucrete® has remained hygienically cleanable, chemically resistant and impact resistant.

Projects facts at a glance

- Sika® Ucrete® regularly takes on discharges of hot water, beer spillages, cleaning chemicals and impact from kegs and is still in operational condition.
- Original installation was completed over 35 years ago with the kegging hall and other newer areas completed in Sika® Ucrete®.
- Intense production at world brewery meant that a hard-wearing, long-lasting floor was vital for Magor Brewery to reduce maintenance stoppages and costs.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

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