

Ceramic Floor Tiles made of Porcelain Stoneware – the better Alternative to Coatings

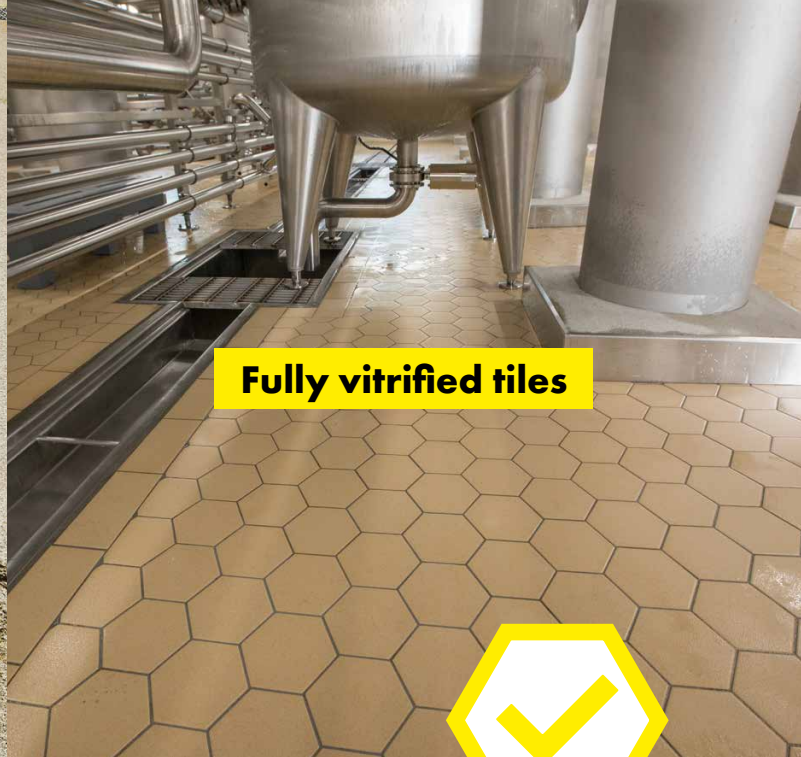
A photograph showing a clean industrial environment. The floor is covered in light-colored, hexagonal ceramic tiles. In the background, there are large, cylindrical stainless steel tanks and various pipes. A yellow hexagonal callout box is overlaid on the left side of the image, containing text.

**NO
COMPROMISES
WITH ARGELITH:
FOR MAXIMUM
SAFETY, DURA-
BILITY AND
EFFICIENCY**

resilient. hygienic. durable



Epoxy coating



Fully vitrified tiles



More than just a Coating. Ceramics by Argelith – Built to last for Decades

When planning durable, resilient, and hygienic flooring solutions, one key question often arises: Coating or ceramic tile? A direct comparison reveals that Argelith's fully vitrified tiles outperform coating systems in nearly all relevant aspects – technically, economically, and hygienically. Vitrified ceramic flooring from Argelith is the long-lasting and cost-effective alternative to floor coatings. Proven performance in:

- **Food and beverage production**
- **Dairies, breweries, and wineries**
- **Automotive and commercial vehicle workshops**
- **Fire and rescue stations**
- **Industrial kitchens**
- **Chemical and processing industries**

Let's explore how Argelith can make your flooring solution both economical and safe. Get in touch with our team – we're happy to advise you personally.

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Your Benefits at a Glance:

- ✓ **Lower Total Cost of Ownership (TCO) through Reduced Maintenance**

Epoxy and PU floors require frequent repairs, recoating, or complete resurfacing. Under heavy use, damage occurs quickly – impacting operations and budgets. In contrast, ceramic tiles are low-maintenance, require no replacement, and save significant maintenance and downtime costs over decades.
- ✓ **Extreme Load Resistance – Ideal for Workshops, Fire Stations, and Industry**

Whether pallet jacks, lifts, or emergency vehicles – our tiles withstand high point loads, rolling stress, and impact over the long term without dents, scratches, or wear. Perfect for areas with intensive mechanical stress such as automotive workshops, commercial vehicle halls, or emergency services.
- ✓ **Hygienic – No Germ Traps from Damaged Surfaces**

Coatings are prone to cracks, chipping, or open pores under stress – a breeding ground for germs. Our dense, chemical-resistant surfaces combined with optimized joint installation prevent contamination and meet the highest hygiene standards. Certified for use in HACCP-compliant environments – ideal for dairies, breweries, wineries, and food processing facilities.
- ✓ **Long-Lasting and Visually Appealing Over Time**

Coatings can yellow, become brittle, or peel over time. Our ceramic tiles remain colorfast, scratch-resistant, and dimensionally stable – even after years of heavy use.
- ✓ **Easy to Clean – No Special Cleaners Required**

The smooth, dense surface is easy and efficient to clean – even with oil, grease, or aggressive substances. This reduces cleaning time and saves resources.
- ✓ **Free from VOCs and Solvents**

Our tiles are free from volatile organic compounds (VOCs) and completely emission-free – improving health and indoor air quality.
- ✓ **Temperature Resistant up to 1200°C**

Perfect for thermally stressed areas: Argelith ceramic flooring systems withstand temperatures up to 1200°C – with no warping, delamination, or surface degradation.
- ✓ **Permanent Safety Markings – with Kerasig®**

Safety and functional areas can be permanently marked using Kerasig®, Argelith's kiln-fired ceramic marking system. No peeling paint, no need for repainting – Kerasig® remains visible even under heavy use, intensive cleaning, and chemical exposure. Ideal for production areas, traffic routes, and hazard zones.



Fully Vitrified Tiles – Made in Germany A Floor that lasts for Decades

The floor is the foundation of every production environment – but not every floor can withstand long-term stress. While conventional solutions often need replacing after just a few years, an Argelith fully vitrified floor remains durable, hygienic, and functional for decades. Thanks to its extreme density, high breaking strength, and outstanding dimensional stability, it offers a sustainable and economically efficient solution. We're happy to support your planning and can connect you with experienced installation partners from our network.

