

VIACOR *case study*

>> object: Production, H&B Electronic GmbH & Co. KG



Substrate preparation



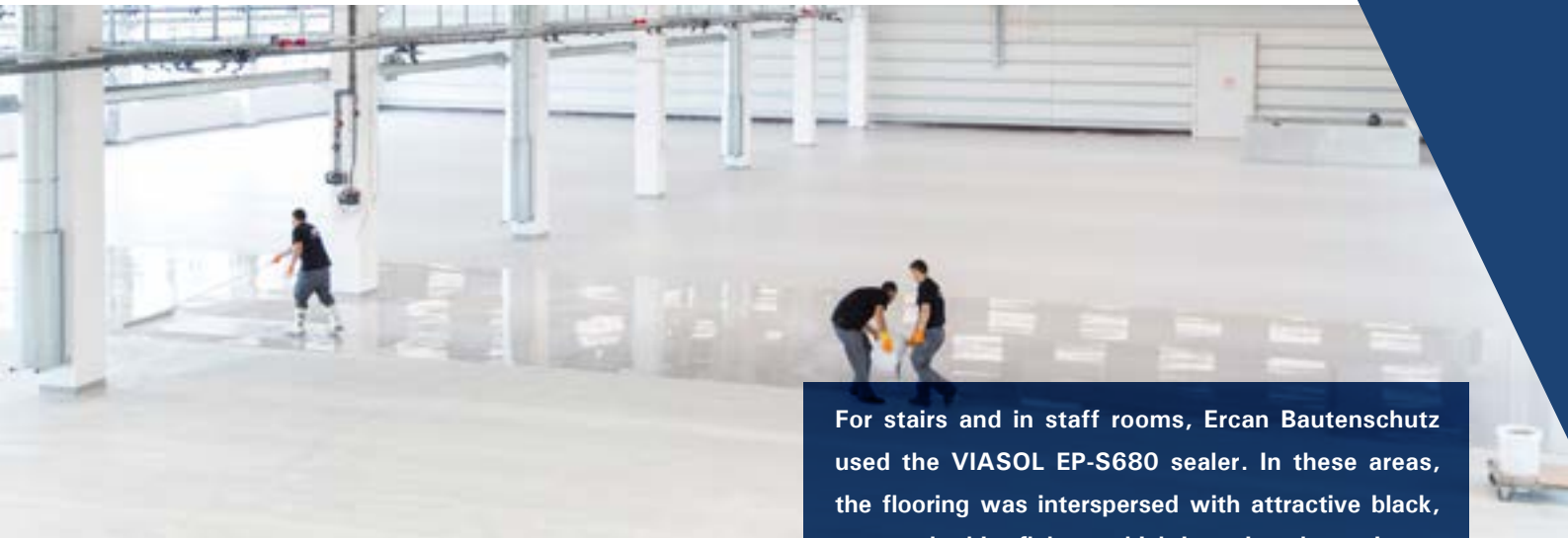
Applying primer

H&B Electronic GmbH & Co., a company which has enjoyed considerable growth, has had its Headquarters in Deckenpfronn, Germany since 1984. H&B Electronic is one of the most successful companies in the Electronics' industry and lists its quality, knowledge and reliability as the main contributing factors for this. It counts household names such as Robert Bosch GmbH, Festo AG and Bayer Pharma AG among its customer base and it complies with all the required certificates and standards. Nothing is left to chance.

This is the same motto which H&B Electronic applies to the build and maintenance of its business premises. The production site in Deckenpfronn covers 9.500 m² and to ensure the production runs as smoothly as is possible, precise and well considered planning is necessary in order to fulfil the building material demands of the Facility Management and Manufacturing Teams.

In November 2016 the factory area was increased by 4000 m², spread across 3 buildings. H&B Electronics has been using the VIASOL**PERM** system with impressive results. VIACOR Polymer GmbH's floor coating system is easy to clean and furthermore excels through its endurance, mechanical resilience and the creation of a healthy working environment.

>> object: H&B Electronic GmbH & Co. KG



For stairs and in staff rooms, Ercan Bautenschutz used the VIASOL EP-S680 sealer. In these areas, the flooring was interspersed with attractive black, grey and white flakes, which is a nice alternative to a uniform colour.

H&B Electronic trusts the proven partnership of ERCAN and VIACOR and ensures its professionally coated flooring following the AgBB standard.

SYSTEM BENEFITS

These factors were considered to be of utmost importance to H&B Electronic who chose an already established and proven product for their new buildings. Another important factor was that VIACOR Polymer GmbH's internal and external quality control follows continued and rigorous testing procedures.

The coating company Ercan Bautenschutz GmbH & Co. KG once again carried out the flooring work at H&B Electronic. The substrate preparation with a vacuum shot blasting machine ensured that the base of the factory floor received an initial treatment. This removes the unstable upper layers (cement slurries) and stains from the floor.

The primer ensures a bonding with the substrate (concrete) and therefore this is the first layer to apply to a flooring system. The water-dilutable primer VIASOL EP-P285 is used for coatings without any diffusion barriers. These can be installed to various substrates such as magnesite but also brickwork-, anhydrite-, concrete- and cement screed subsoils.

H&B Electronic chose VIASOL EP-C580, the diffusible coating, in a warm light grey colour (RAL 7004). This coating is designed for subsoils with increased residual moisture and is able to withstand medium to high resilience.

Finally, a care treatment was applied which saved the costs for the sealer. The process may be repeated in certain timeframes, but contributes to a good, thorough cleaning.

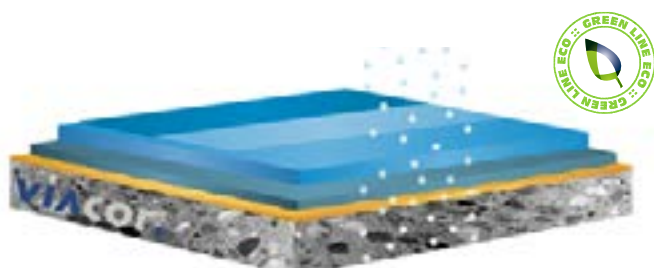


Coated stairs

>> object: H&B Electronic GmbH & Co. KG

**VIASOLPERM - GREEN LINE ECO**

Water-vapour permeable epoxy advanced resin based coating system, low odour, low emission, hard-wearing, water-proof surface with good mechanical and chemical properties and a wide colour spectrum.



Thickness 2,0 - 5,0 mm

SYSTEMSTRUCTURE

Sealer	VIASOL EP-S680
Top coating	VIASOL EP-C580
Scratch coating	VIASOL EP-C580
Primer	VIASOL EP-P285

SYSTEMHIGHLIGHTS

- High water vapour permeability
- Very good colour stability (indoor)
- Low emission tested accord. AgBB guidelines
- M1 and green label (Singapore)

APPLICATIONFIELDS

- Public buildings
- Hospitals
- Logistic sites and warehouses
- Production areas
- Paper mills and metal working industry
- Workshops
- Areas with moisture sensitive substrates

SYSTEMBENEFITS

- High water-vapor permeability, no blistering in situation subject to hydrostatic pressure
- Low emission, complies with green environmental requirements and AgBB
- Low odor, solvent free, does not taint food
- High abrasion and impact resistance
- Good chemical resistance
- Self-leveling, jointless, seamless
- Impermeable to liquids
- Very good colour stability (indoor)
- Available in many colors
- Good adhesion to concrete and other substrates
- Fire resistance class B_{fl}-S1



Coating company:

Ercan Bautenschutz GmbH & Co. KG
Holzbachweg 1
D-71549 Auenwald

Manufacturer:

VIACOR Polymer GmbH
Graf-Bentzel-Str. 78
D-72108 Rottenburg a. N.