

Project Report/April 2023

StoFloor Industry KU 601 for the new maintenance hangar at Budapest Airport

A new maintenance hangar was handed over to company Aeroplex at Budapest Airport, Hungary. With over 8,200 square meters floor area and a height of 200 metres, the new hangar now offers work space for 4 standard airliners or one wide-bodied aircraft enabling the company to double its capacity. A 75 metres wide and almost 18 metres high sliding gate opens onto the technical area. Another additional 3 by 5 metres element allows the gate to be widened for large-capacity aircrafts. The modern maintenance hangar is state-of-the-art. For this reason, the property developers opted for a floor coating system that has a very good track record for many years: StoFloor Industry KU 601.

StoPox GH 205 is a tested epoxy primer with very good adhesion to mineral substrates. The epoxy resin-based glossy floor coating StoPox KU 601 is chemically and mechanically highly resistant, low in emission and free of paint-damaging additives. The floor coating hardens quickly at room temperature and therefore enables early loading capacity. StoFloor Industry KU 601 has been tested for tear resistance and for bond performance when exposed to rising damp accordance with German "DAfStb" Repair Guideline. The surface can be briefly loaded with +80 degrees Celsius for cleaning processes and offers a high wear resistance. The system complies with EN 1504-2 and EN 13813. It was scattered here with StoChips 3 mm in blue/grey for colour design.

Properties of **StoFloor Industry KU 601**

- EP coating system
- For laboratories and cleanrooms in different industrial sectors
- For production and storage areas in the food industry
- On concrete and cementitious screed substrates, others on request
- Very good ease of decontamination

- FDA-tested in accordance with CRF § 175.000, CMS cleanroom qualification Frauenhofer Institut IPA, Germany
- Paint compatibility test for the use in the automotive industry
- Very high mechanical and chemical resistance against a large number of special media
- Can be driven on with polyamide, Vulkollan, or solid rubber tyres
- Smooth or scattered, skid-resistant surface (various test certificates for skid resistance are available)
- Low-emission
- Limited combustibility (EN 13501-1)
- In accordance with EN 1504-2 und EN 13813
- Tested system build-up with voluntary external monitoring
- Good cleanability
- Large number of long-term references
- Colour spectrum includes RAL colour fan K 5, StoColor System, NCS and others

With its investments, the maintenance company will not only increase its capacity but also create 200 new jobs. The durable coating system contributes to long-term trouble-free work in the new maintenance hangar.

Who & What

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| Project: | Maintenance hangar, Airport Budapest, Hungary | |
| Investor: | Aeroplex Central Europe Ltd., Budapest | |
| Planner: | ARC-S Engineering and Design Kft., Budapest | |
| Applicator: | Mükiszolig Kft., Budapest | |
| GC: | Weinberg '93 Kft., Sárospatak, Hungary | |
| Realisation: | 2/2022 | |
| StoCretec Competence: | StoFloor Industry KU 601 Priming Coating Sealing Coat | StoPox GH 205 StoPox GH 205 with StoQuarz StoPox KU 601 with Sto Chips 3 mm blue/grey |

(Photos: Sto Építőanyag Kft.)







