

# HTC SUPERFLOOR™ CONCRETE POLISHING



Industrial floors are all made of cement and aggregate. Floor surfaces are realized by manual or mechanical smoothening, depending on the dimensions and the planned purpose of the area. Often, a different material is applied on the constructed surface as surface hardener or some other type of cover. Such materials will detach from the concrete surface after a certain time, as their characteristics are different from those of the concrete slab. It is expensive and complicated to repair them, not to mention the aesthetic issues.

HTC SuperFloor™ concrete polishing procedures are not only made for working new, nearly perfect concrete surfaces. Floor polishing is also a perfect solution in the case of old, rough, bumpy, cracked surfaces, or surfaces having other defects. This is why we offer solutions to our Clients where perfect or new concrete surfaces are not imperatively required. Thus, using the HTC SuperFloor™ concrete polishing procedure, polished concrete surfaces can be made in guaranteed quality, even in areas where the execution of the 4 basic concepts is not possible.



*Perfectly smooth, cost-effective, cleanable, and anti-slip surface executed with much repair.*

**Z-MILAN '92 Kft.**

H-3527 Miskolc, Fonoda u. 3/c

**ZVOLENSZKI István**, executive director: +36-30/9674-704 and [z.istvan@z-milan.hu](mailto:z.istvan@z-milan.hu)

[www.betoncsiszolas.com](http://www.betoncsiszolas.com) [www.z-milan.hu](http://www.z-milan.hu)

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Using cement, polyurethane, and epoxy-based repair materials, all concrete defects can be repaired if the concrete is well-compacted, not soaked by oil, and has an appropriate embedment. During repairs, thanks to modern additives, not only will a ready-to-use concrete surface be created, but we will have a comprehensively modernized concrete slab with the following main characteristics:

- Perfect ESD surface with a 10-year warranty.
- Repaired “swaying” concrete slabs.
- Replaced and repaired broken corners.
- Repaired broken parts.
- Repaired surface irregularities and vibration.
- Repaired level differences.
- Seamless rolling.
- Wide (up to 5 cm) expansion joints filled with tar reconstructed to narrow expansion joints.



The full replacement of existing concrete can be very expensive and may result in a significant production interruption. The joint cost of these should be compared to the technology of concrete polishing. Not to mention the regrettable fact that the newly constructed concrete slab shall also be treated somehow before use.

There is the possibility of pouring a new layer of concrete on the existing concrete surface. In this case, because of the increased height, the reconstruction of doors, sectional gates, or other door types shall also be considered. The new surface is a serious weight load, and the embedment may not be able to maintain it for a long time in operational conditions. Consequently, new cracks and breaks will appear on the surface.

Using the HTC SuperFloor™ technology, it is possible to create an aesthetic, cost-effective, and clean working environment in industrial areas as well. Even in the case of warehouses or turner workshops.

