

# ASB GlassFloor

The ASB GlassFloor is the most advanced flooring system in the world. Its unique aluminium substructure and the custom made surface of the glass deliver a floor ideal for a sports floor but also for its use in any modern building.

The properties of glass allow far more than just an optimised flooring surface. LED marking lines can be switched on/off or changed on demand. Video messages or scoreboards under the floor are only the beginning. The whole surface can be turned into one big screen. The possibilities for presentation and advertising are more versatile and innovative than ever seen before.

The floor is made from tempered safety glass and can withstand enormous impact. The panels are made from 2 specially treated glass plates held together by a 1.2mm PVB safety layer and can be produced to a size larger than 2 x 3 metres. The glass panels and there different treatments provide a surface longer lasting than any conventional floor. This is why in 2007 we have been able to install the first open air squash court on a cruise ship, withstanding the impact of UV light, sea water and perpetual movement over years.

The surface of the glass undergoes several special treatments to achieve ideal elasticity, friction and reflection of light. After years of extensive testing we have reached a result where the floor does not reflect too much to be a distraction but still gives a slight, diffuse reflection. Also deflection and friction of the floor achieve equal or better results than conventional sport floors. The glass is in fact 2.4 times more elastic under human weight than a comparable hard wood board. The floor is certified according to the international standard for sports floor, EN 14904. The same treatment that ensures the dim reflection of the surface also causes scratches to remain invisible. The properties of

glass bring the advantage of very low maintenance and cleaning requirements. After many years of usage the surface can still maintain its original quality without visible wear and tear.

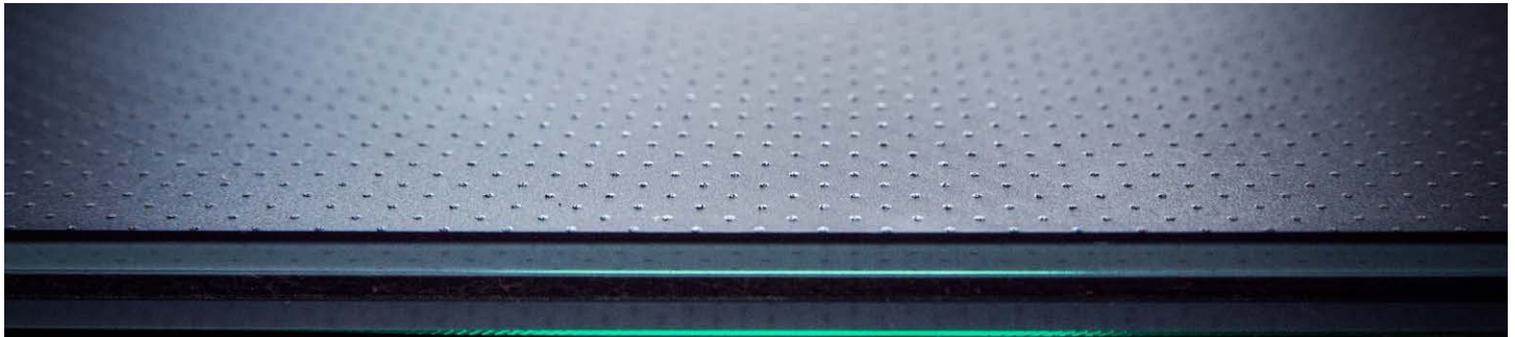
The surface can be in almost any colour. Even full size print under the glass is possible. We use a highly specialised UV printing method to print on the whole surface of the floor in up to 600 dpi and then apply a protection and diffuser layer.

No matter what your project is, the ASB team, with more than 40 years experience in world wide construction will ensure it is executed to a very high standard. The company, based in Germany, has a wide range of experience in construction with aluminium and glass as well as extensive knowledge of clients requirements and we work with different partners to realise technologically advanced lighting under the floor.

The ASB GlassFloor can be:

- Glossy or matt
- Produced in any colour or pattern
- Equipped with permanent logos under the floor
- Fitted with LED Logos under the floor
- Illuminated over the whole surfaces or parts of a flooring area
- Fitted with LED screens for scoreboards or advertising

To date, ASB has installed several high-end projects in the public and private sector. With official competition projects and high end universities as our clients you can be assured of norm compliance. All components of the floor are designed to meet a life time target of 70 years. With high attention to detail and several unique and effective features and qualities the product exceeds the assumptions of a product made and designed in Germany.





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