

Data Sheet

ASB SquashGlassFloor „MultiSports"



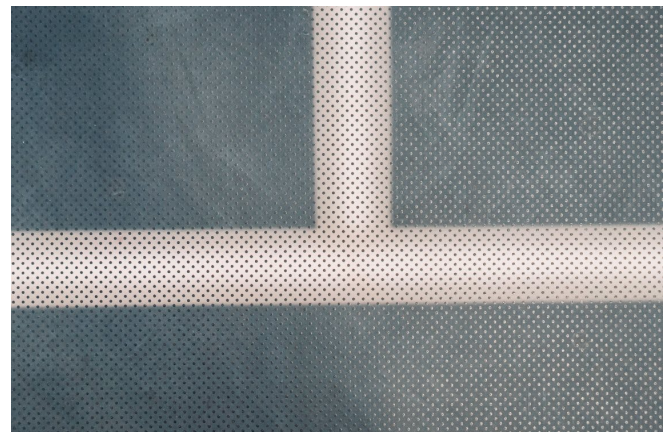
ASB GlassFloor for squash

The floor fulfils all technical requirements of the modern sports floor, it allows for much more as it is setting new standards. A professional court for every

individual sport can be switched on by activating the LED court markings on the touch screen. The SquashGlassFloor can have several additional lines for individual training. A full LED screen can be installed for

advertising or interactive training. It can be used indoors or outdoors for any kind of event. The floor is also built to outlive its venue. Made from an aluminium sub-structure and a glass surface with burned in

ceramic dots, the floor creates to perfect characteristics for a high performance sports floor and an excellent surface that provides not only longevity, but the perfect elasticity for the required sport.



Evenness of the sub-floor before installation

1. Level floor, no more than 10 mm height differences over a 5 m radius.
2. Non-level floor, the substructure is supplied with height-adjustable pillars to provide a perfectly level surface.

Structural Build Up

Aluminium double swing beam sub-structure

The sub-structure consists of a grid of aluminium double swing beams on pillars with a minimum height of 53 mm. The glass is installed on specially developed bearings, distributing the impact on the surface across the sub-floor.

Glass

Laminated two layer safety glass panels, built from two 5 mm tempered security glass sheets, laminated with a 1.52 mm thick PVB - foil.

Glass surface

Special etching on the upper surface of the glass panels to prevent light reflection. Burned in ceramic dots for ideal slip resistance for squash. Any colour and surface design is possible. Even sponsor logos can be applied.

Glass joints

Filled with a specially developed silicon joint.

Construction height

approx. 120 mm

Equipment

LED lines

LED marking lines in engineered light channels. Available in mono-colour LEDs. Different court markings are selected on a touchscreen computer.

LED screens

LED screens under the floor can also be provided with various pixel pitches (distance between the LED's of the screen)

Performance

according to EN 14904:2006

Shock absorption

ø 65 (min 55, max 75)
ø 55.6% according to DIN V 18032-2:2001 (min 40%, max 60%)

Vertical deformation

ø 3.5 mm (min 2.3 mm, max 5.0 mm)

Behaviour under rolling load

1,500 N, No damage

Ball Reflection

ø 93% (min 90%)

Sliding Characteristics

Ideal values for professional squash sport, achieved through burned in ceramic dots (45°, special screen printing, centre distance 6.4) - grade B.

Warranty

ASB GlassFloor 10 years, electronic components 2 years

