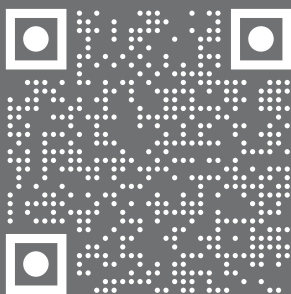


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**ASB**  
SquashCourts



CATALOGUE

**ASBSQUASH**  
[www.asbsquash.com](http://www.asbsquash.com)

# ASB SQUASH

Join us to succeed together.

Over its long history ASB has supplied thousands (more than 8,000) ASB SquashCourts to satisfied customers in 70 countries all over the world.

This success encourages us to further pursue our strategy.

We are open to personally consult your project, we support our customers by long term cooperation and partnership via aftersales activities and services.

[www.asbsquash.com](http://www.asbsquash.com)

## CEO talk

Dear ASB friends,



since 1976 we have served our clients - many of them have become our good friends. With the ASB new development the courts have been constantly improved both for the players and for the spectators. The level of the game and the demands have increased. The leisure players and the professionals are grateful to us. And the World Squash Federation awarded the Innovation Prize solely to ASB as court manufacturer.

It is our aim to serve the clients and our technicians and management are constantly working on:

- lasting ASB Quality
- true to measure ASB Design
- new ASB products
- further development of details
- the training of enthusiastic staff members
- and on constantly good service.

We want to thank you for the great trust you have in our products, in our ongoing developments and improvements. That is how we can extend the gap between us and those that try to copy our ASB Products.

This brochure, created by our designers, shows you the technical state of the art of squash court development.

I wish you every success.

**Horst Babinsky**  
ASB founder  
and license holder

Dear ASB friends,



currently you are holding the ASB SQUASH catalogue, which will help you to get an overview of the products and services the company offers. The ASB brand has been on the market since 1976, which makes it the most traditional and stable court provider to ever operate in the squash business. Over the years we have designed, delivered and installed thousands of squash courts worldwide. This makes us a world leader in the construction of squash courts.

One of the ASB SQUASH corporate principles say: „Our customers and our partners create our success.“ The objective is to help you find the best solution for your investment. We offer products and services that provide excellent performance and clear advantages especially in quality, technical design, delivery time, warranty and post-warranty service. Our business partners around the world are ready to meet these objectives.

Take advantage of our innovative strength as a leading manufacturer of squash courts, which is always on your side. Our experience is then positively reflected in your investment.

Take advantage of our innovative strength as a leading manufacturer of squash courts, which is always on your side. Our experience is then positively reflected in your investment.

**Jiří Grulich**  
ASB SQUASH Managing director  
with the ASB Team

### PARTNERS



HISTORY  
EXPERIENCE  
DEVELOPMENT  
INNOVATION  
QUALITY

## ASB Innovations:

- 1976** - The first ASB SquashCourt
- 1977** - ASB System40
- 1978** - ASB Pro GlassBackWall
- 1979** - ASB Movable SideWall
- 1979** - ASB Rotary GlassBackWall
- 1981** - ASB SportsFloor
- 1990** - ASB GameCourt
- 1991** - ASB System100
- 1995** - ASB RainbowCourts
- 1998** - ASB ShowGlassCourt
- 2000** - ASB SensitiveTin
- 2001** - ASB TopSquash (scoring system)
- 2004** - Height AdjustableTin
- 2006** - ASB GlassFloor
- 2007** - The first Glass Court on a cruise ship (ASB AllGlassCourt)
- 2009** - ASB ShowGlassCourt (upgrade: glass fins replace metal poles)
- 2011** - ASB Referee System and ASB TopSquash (digital screens)
- 2011** - ASB ShowGlassCourt (upgrade: bigger panels, TV visibility)
- 2012** - ASB TVO Floor (optimised for TV broadcasts)
- 2013** - ASB ShowGlassCourt (upgrade: LED out, service and tin lines)
- 2013** - ASB Height AdjustableTin (innovative three position solution for doubles)
- 2014** - ASB System100L / ASB System40L (system upgrade)
- 2014** - ASB PermanentGlassCourt
- 2015** - ASB EventGameCourt
- 2015** - ASB CommunitySquashCourt
- 2016** - ASB LumiFlex (full LED video sports floor)
- 2017** - ASB TPoint (the revolutionary squash hub)
- 2020** - ASB PermanentGlassWall10
- 2020** - ASB Foldable GlassCourt

The paramount objective of ASB is to provide real benefits to all of our clients with our products and services. We provide professional solutions to our customers' requirements and we guarantee that our range of products will enhance the sporting experience of the athletes concerned and also develop business potential for our clients.

It is our aim to promote our wide range of high-quality products and innovations to the world squash market. We guarantee that we provide our customers with ASB products that were created by using the latest technology and available knowledge. With our enthusiasm for innovation, we can generate added value and business success for our customers. We are committed to constantly updating and developing our products to fulfill our customers' needs.

The ASB company culture is to provide special service for our customers. Our concrete aim is to spread our ideas and visions to enhance the range of leisure facilities available for users and venue operators.

*Targeted growth, job creation, improved creation of value, further education of staff, protection of the company and satisfied customers...*

**...this is what the ASB Team stands for.**

## 4 / 5 Scope of activities



### Consultancy

- Pre-sales consulting and project planning
- Individual approach to each customer and project
- Willingness and creativity
- Personal approach
- Trust and communication



### Court accreditation

- Approved and certified by the WSF
- Complete Court Accreditation
- Accredited products
- Accredited courts



### Production

- Top quality
- Know-how
- Ecological materials
- Quality control and assurance
- Constant improvement and efficiency
- Permanent development
- Attention to detail - „with details to perfection“



### Design

- Professional design of a squash court
- Technical consultancy and assistance
- Long term experience
- Flexibility
- Helpfulness and advice



### Delivery

- Over 50 years of experience
- Individual project planning
- Logistics management
- Skilled professionals



### Installation

- Professional craftsmanship
- Individual approach
- On site years of experience
- Top class final product and customer satisfaction



### Aftersales long term partnership

- Warranty and post warranty services
- Protection of the investment
- Customer feedback, constant research and development
- Stability and insurance
- Long term relationship



It doesn't matter how complex the project we work on together is - our efforts do not end by having the acceptance protocol signed. We pursue long term partnership with our aftersales services.

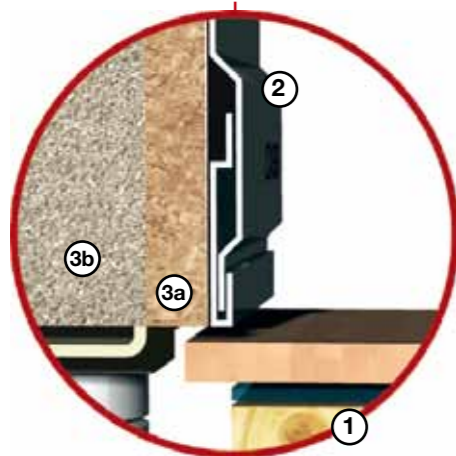
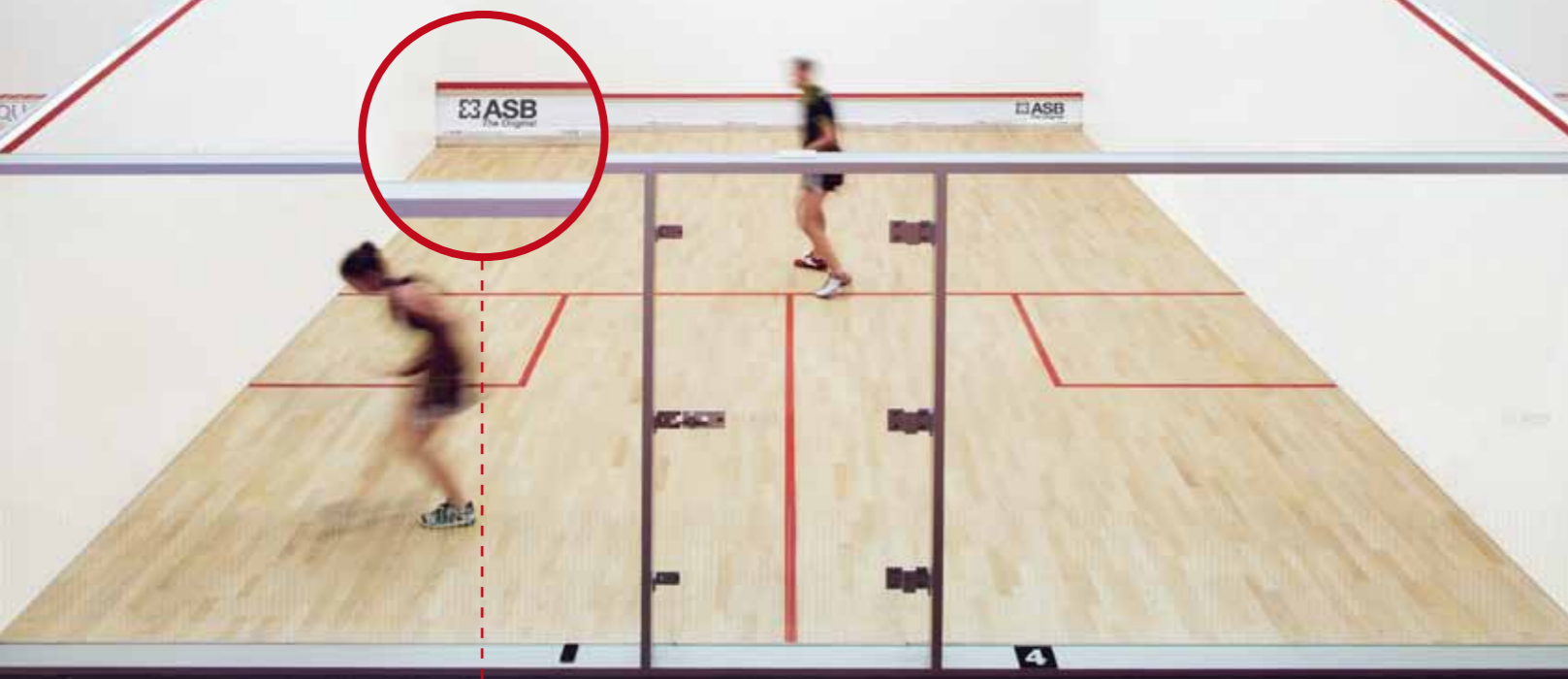




# Products



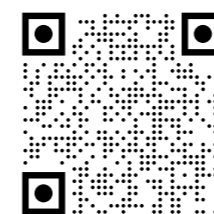
WSF accreditation is a sign of product quality and a mechanism for testing the same. World Squash Federation is accrediting squash products in order to guide clients towards reliable products. To obtain the WSF accreditation as a proof of the product quality we must meet all strict testing procedures. WSF accreditation enables us to give our clients an assurance of investment safety. We keep working hard to bring the best to the world of squash.



**ASB System100 uses the "L" technology where the floor goes underneath the walls assuring the same ball bounce at every place of the wall/floor connection and preventing floor expansion issues caused by humidity changes in the environment.**

- 1. ASB SportsFloor
- 2. ASB Height Adjustable Tin
- 3. ASB System100 side wall
- 3a. ASB high density board, thickness 18 mm
- 3b. Fire-dried sand

**We are innovators. Our high quality entails obligations. Constant quality control ensures a constant top-quality product. ASB's eagerness to innovate gives the client certainty to buy a product which is always up to the best available technology.**



## Advantages

Squash court walls are self-supporting – independent from all building constructions

Simple and quick installation

Noise reduction

The cavity between ASB panels is completely filled with a fire-dried sand; this means no hollow spots, the entire wall becomes very solid and the rebound is even, no matter where the ball hits the wall

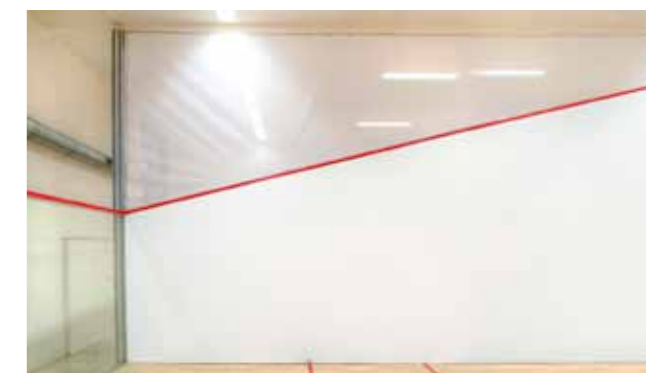
Elimination of the floor's linear expansion caused by varying air humidity; the floor goes underneath the walls

Squash court wall's surface finish is smooth, solid and without joints or gaps

The ASB panels are 18 mm thick – ball gets closer to the fire-dried sand, therefore the wall becomes harder, which leads to better playing characteristics

## Technology

The carrying construction of the ASB System100 wall consists of aluminium profiles. These profiles are covered with high-density boards from both sides. These boards are produced according to ASB's specifications. The cavity in the middle is filled with fire dried sand at the site. The squash wall gets the required surface hardness by the filling, which is ideal for squash. The ASB System100 wall's design is of absolute dimension accuracy. Connections are solved innovatively and precisely. Our technicians' painstaking work solves many problems for the contractors with regard to squash – the ASB System100 Court can be played on immediately after its installation.





### Advantages

ASB is capable of leveling out differences in building walls, which ensures a completely straight wall and thus the best playing characteristics

The ASB panels are 18 mm thick – ball gets closer to the fire-dried sand, therefore the wall becomes harder, which leads to better playing characteristics

The cavity between a building wall and an ASB panel is completely filled with a fire-dried sand – this means no hollow spots, the entire wall becomes very solid and the rebound is even and consistent, no matter where the ball hits the wall

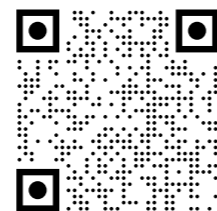
Squash court wall's surface finish is smooth, solid and without joints or gaps

Squash court walls cannot be harmed by static cracks

ASB System40 panels enable easy and fast renovation of old plaster courts

Simple and quick installation

Noise reduction



### Technology

The ASB System40 panel is fixed to the existing wall and is aligned vertically and horizontally. ASB technology helps to keep the distance between existing wall and the panels. Like the System100 wall, this cavity is filled with fire-dried sand, which is compressed. After the installation, the surface is without any visible joints and is covered with our squash wall paint especially developed and designed for squash walls.

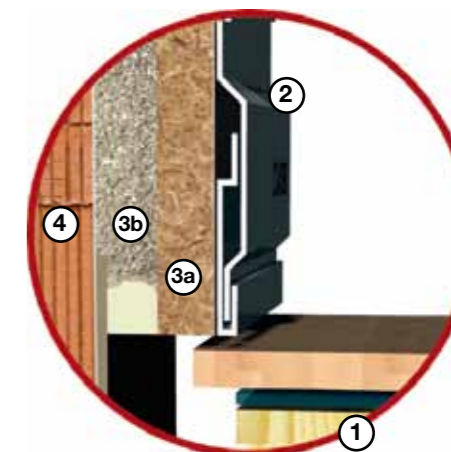
When the squash ball hits the wall at high speed a mini-vacuum is generated. This vacuum arises because the part of the ball hitting the wall first, immediately leaves the wall again. With the even smallest unevenness this mini vacuum causes small parts of the plaster to be sucked from the wall. The ASB System40 wall prevents this phenomenon permanently.

### Renovations

The ASB System40 is also suitable for renovations as in its specifications the World Squash Federation reduces the dimensions for renovated courts by eight centimeters each in width and length for renovations and made these dimensions standard.



ASB System40 uses the "L" technology where the floor goes underneath the walls assuring the same ball bounce at every place of the wall/floor connection and preventing floor expansion issues caused by humidity changes in the environment.



- 1. ASB SportsFloor
- 2. ASB Height AdjustableTin
- 3a. ASB high density board, thickness 18 mm
- 3b. Fire-dried sand
- 4. ASB System40 side wall is anchored to original wall



## 12 / 13 ASB Renovations

A wide range of squash courts in the world date back to the 1970's or even longer. Therefore even with the best available squash court wall materials, repairing squash court walls becomes a topic that is getting more and more serious. With a product like a squash court being in use every day for several hours, receiving thousands of hits by the ball, sooner or later the day comes where a squash court repair becomes necessary.



## Best way to renovate old plaster walls? Use ASB System40!

- Thickness 40 mm is ideal for old plaster court renovation and is within the dimensional tolerance of WSF
- Secure renovation method after repeated plaster failure
- Squash court wall's surface finish is smooth, solid and without joints or gaps
- Simple and quick installation (ready for use within two days)
- Noise reduction

### Floor refurbishments

Although the squash court walls might suffer most from wear and tear, the squash court floor is also an important part of the system that might require floor repairs every now and then. Despite popular belief that solid wood flooring can be sanded multiple times in comparison to any engineered floor, reality showed and continues to show that neither one should be sanded more than 3 times to avoid compromising the solidity of the floor. Nevertheless this does give the floor a life span of at least 15-20 years considering a sanding and re-impregnation of the floor every 5-7 years depending on usage.

### Experience leads to long term durability

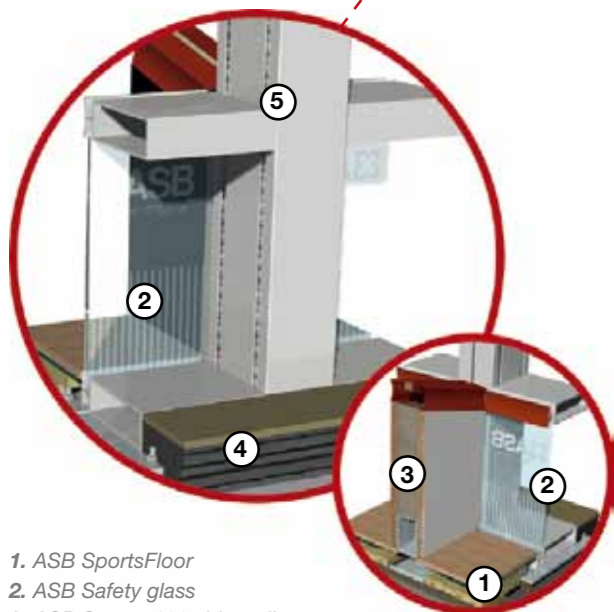
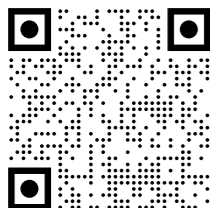
So all in all repairing squash court walls and squash court floors is something that needs to be discussed in detail with an expert in order to receive the best possible result. A solid track record proven squash court is the basis of a good squash center but like a car it requires some attention and care to make up for the daily wear and tear. Who would repair your car – a car specialist or plumber? A short term solution might turn into a long term problem. ASB System40 wall prevents this phenomenon permanently.



The ASB GlassBackWalls were tested with an impact test carried out by the material testing institute of North Rhine-Westphalia and it was confirmed that the requirements of a squash court specifications were met. The panels are made of 12 mm toughened safety glass with etched stripes up to a height of 60 cm on the inner side of the court. The ASB GlassBackWalls are constructed to last and withstand years of squash play. Its durability makes it unique and original.







- 1. ASB SportsFloor
- 2. ASB Safety glass
- 3. ASB System100 side wall
- 4. Outside court building floor construction
- 5. ASB Aluminium frame and column

### ASB Pro GlassBackWall

A glass back wall must withstand years of squash matches. For safety reasons the ASB Pro GlassBackWall was developed.

The panels (2.13 m x 2.75 m) are framed with aluminium profiles, especially designed by ASB. The door area is stiffened by aluminium columns 150/40/4 mm. The door (DIN left) is held by hinges at the side and opens inwards. All aluminium profiles are anodized (E6EV1). The horizontal bar at a height of 2.13 m also forms the out of play line and is concave.

Additional glass panels or a closed element in the ASB system can be installed in the profile of the out of play line at the required height. The connections between the floor and ceiling to the ASB cross bar profile are easy. The continuous edge of the ASB cross bar profile makes it possible to get really smooth connections between the squash court and floor/ceiling.

**ASB offers three different glass back walls. All of them meet the specifications of the World Squash Federation (WSF).**

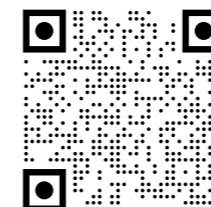


### ASB Freestanding GlassBackWall

This glass back wall is stabilised with 30 cm deep glass fins. The squash court door opens (DIN left) to the inside and is fixed to hinges at the side. The fins are fixed to the floor with angles and then the floor is installed.

The opening in the floor with 25 cm x 35 cm is covered with an anodised aluminium plate.

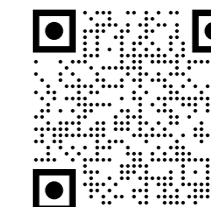
The ASB Freestanding GlassBackWall consists of two glass panels of 2.13 m x 2.75 m and a door, which is 90 cm wide and made of 12 mm safety glass. This glass back wall is mostly used in connection with the installation of a glass court.



### ASB Rotary GlassBackWall

The ASB Rotary GlassBackWall opens additional space. In the course of a big tournament the court can be used for parties, meetings or for the press by opening the whole width. Additionally the sports area of a squash court can be expanded to the back and can therefore also be used for badminton or many other sports.

In the ASB GameCourt the rotary glass back walls open space for congresses, events and anniversaries.



## 18 / 19 ASB Movable SideWall



*The most of national training centres built by ASB use movable side walls.*

### Advantages

**Doubles** - every modern centre will and should be able to offer squash doubles. More and more major double events and championships are being staged all over the world.

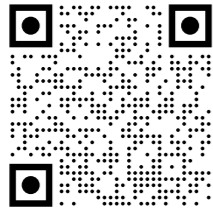
**Extended training surface:** Not only for squash, but also for other sports and for different events. It makes sense to have this freedom in a facility. Three courts as an ASB GameCourt are ideal for multi-functional use.

There is no need to plan and build separate doubles courts, the movable wall changes a single court into a doubles court and back in seconds.

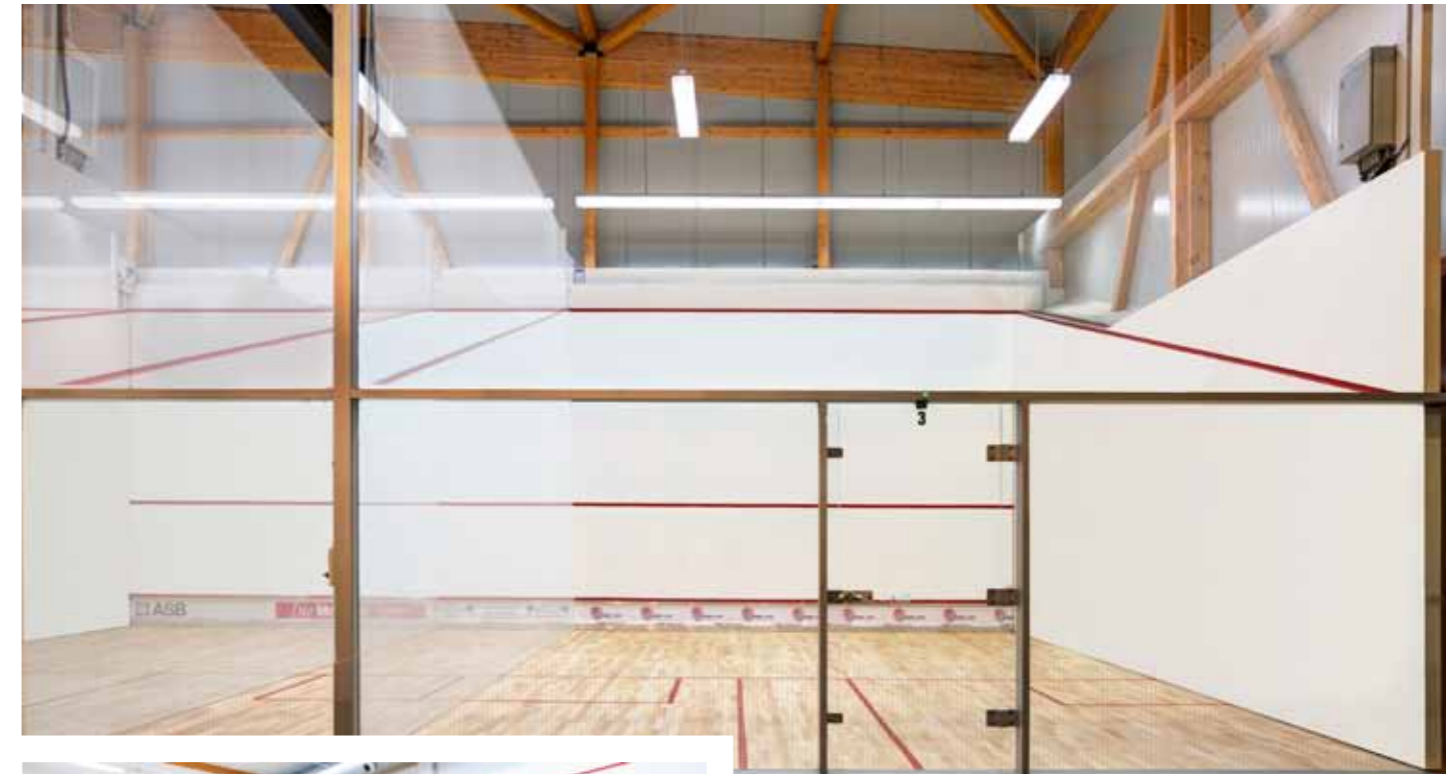
The ASB Movable side wall is laser operated which ensures maximum precision and safety.

### Technology

The ASB Movable SideWall is a standard in any new facility. It moves on two single carriages over the front wall and the glass back wall. The movable wall can be moved mechanically or electrically. It is either operated by hand or fully automatically just by pressing a button. All programmed stops are driven over a clearly arranged display. The movable wall stops at the programmed places and locks automatically. All electronic cables run within the movable wall and also the feeder cables in the front and back wall area are ready installed.



**Hardly any other product has changed a sport as much as the ASB Movable SideWall. With this innovation, the squash court became an all-purpose area and provided the answer to the multi-functionality required in today's leisure centres.**



**Simply by pressing a button, not only the court but also the sport of squash has changed.**





**Enhancing  
the squash  
experience**



A wide-angle, low-perspective shot of an empty indoor basketball court. The floor is made of light-colored wood with red lines marking the court boundaries, including the three-point arc and the key. The walls are white with red lines near the ceiling. The ceiling features exposed wooden beams and several long, bright fluorescent light fixtures. The text "ASB GameCourt" is overlaid in the center in a large, white, sans-serif font.

# ASB GameCourt



## 24 / 25 ASB GameCourt



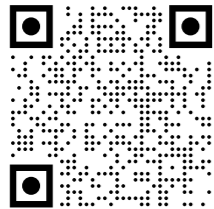
Three squash courts in a row with two movable side walls form an ASB GameCourt which offers the ideal space for a multi-functional area with its movable walls. Each of these three courts has a surface of 62.5 m<sup>2</sup> – which can be converted to a multifunctional area of approx. 185 m<sup>2</sup>.

*The ASB GameCourt increases the attraction of a leisure centre considerably.*



The areas can be changed according to requirements, which make it possible to use it for a wide range of games and sports. In addition to squash, doubles squash and badminton, it is also possible to play other ball games like basketball, soccer, volleyball and also to use it for gymnastics, like aerobics or fitness training.

The areas are usable without any limits and they offer multi-functionality and flexibility, also in view of future trend sports. More than 30 different sports can be carried out in this court. The ASB GameCourt is also a show stage for fashion shows, events, disco parties and other top events.





## 26 / 27 ASB EventGameCourt

A multifunctional setup of three courts for numerous installations at different destinations. The ASB EventGameCourt has the same playing characteristics as the standard ASB GameCourt. It consists of three ASB System100 SquashCourts in a row with two movable side walls separating the three courts. However, in addition, it has some features that enable the court to “travel”. The ASB EventGameCourt is designed to be installed, dismantled and re-installed numerous times.

It is aimed for clients that look for a temporary placement of the courts e.g. for an event with a large crowd before placing the court in a new location for permanent use or clients who have just temporary or no long-term rental agreements.

The ASB EventGameCourt is the perfect court unit for large, multi-sports events that look for sustainability and a legacy program. The ASB EventGameCourt provides investors with a secure investment and users with increased functionality, not only providing space for singles and doubles squash but also offering a large 190+ m<sup>2</sup> multi-purpose area for 30+ sports, dance classes or social events.



### Advantages

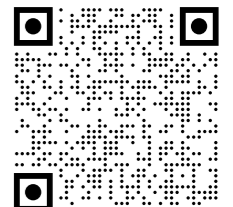
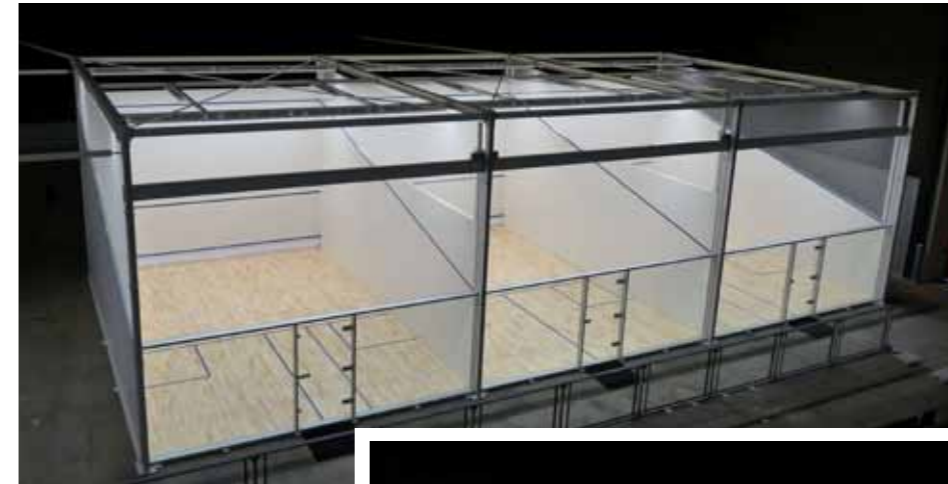
Singles and doubles squash

Multi-purpose area for 30+ sports and events

Installation, dismantling and re-installation numerous times

No fixed location

Secure investment

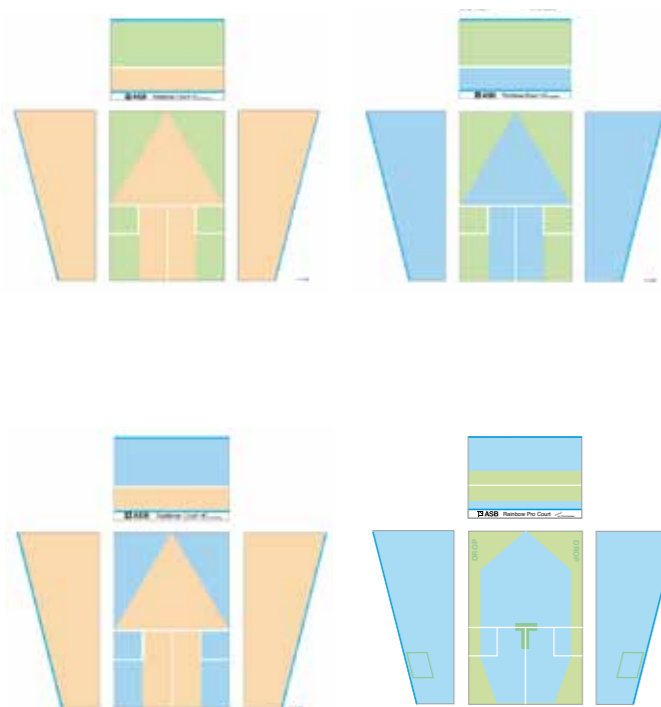




The ASB RainbowCourt has achieved and sustained a major impact on squash all over the world. Since this product was brought to the market, World Championships, World Cup tournaments and national championships have been held on Rainbow courts. The World Squash Federation (WSF) accredited the ASB RainbowCourt.

Many nations and squash schools use the ASB RainbowCourt as a successful training system. The ASB RainbowCourt helps to teach squash more easily and faster and the precision of every hit is corrected immediately.

**Examples:**

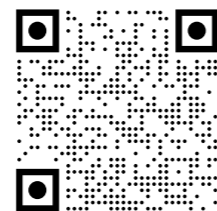


**Training in a RainbowCourt**

With an ASB RainbowCourt squash is given new, trend-setting impulse for the future. Beginners and experienced players are full of enthusiasm about the coloured courts, which help players to understand squash during matches and also during training in a revolutionary way.

**The colours**

The front wall is divided into two zones: Underneath the service line for short balls (drop and boast) near the front wall; above the service line for shots which are sent to the back of the court (mainly drives and lobs).



**The ASB RainbowCourt is the ideal training system for squash beginners and squash professionals.**





**ASB PermanentGlassCourt**

**ASB PermanentGlassWall**



The Original

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts



# ASB PermanentGlassCourt & ASB PermanentGlassWall

The ASB PermanentGlassCourt & the ASB PermanentGlassWall system is a major game changer for the squash market. The decay of plaster squash walls from the impact of the ball over time is a major issue for every centre owner or manager, especially the annual maintenance in connection with the down time of the court have been the problem.

With our glass system this has an end. Once installed the court or the wall is practically maintenance free and easy to clean. The newly developed fitting system allows very fast installation and installing is a clean job without dust or dirt in the centre.



**Advantages**

**ALL GLASS SURFACE**

A squash court is subject to the continuous hard impact of the squash ball. All squash courts suffer from constant stress over time. The PermanentGlassWall can withstand this impact forever without damage or signs of usage.

**FULL DESIGN FLEXIBILITY**

The colour of the court is determined by a specially developed film coating. ASB can produce this coating in any required RAL colour. In addition we can include logos, graphics or images.

**NON-REFLECTIVE MATT FINISH**

The finish diffuses the light and does not allow direct light reflections. The finish also shows no reflection of the players or any other objects behind the court.

**CONSISTENCY IN REFLECTION/COLOUR**

The main problem with matt glass is its appearance compared to other glass panels. It is challenging to get the matt stain right in a way that all panels have exactly the same quality finish. The panels are built from special glass that gets the matt surface in an optimized and automated manufacturing process ensuring each panel is equal.

**NO MAINTENANCE**

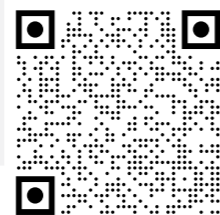
Very easy to clean. The marks of squash balls are in general less than on plaster or system walls. If required, ball marks can be removed very easily with a sponge and just a bit of water. The smooth surface of the glass wall does not allow the rubber to bond with the material and allows for this easy cleaning process.

**WALL COLOURS**

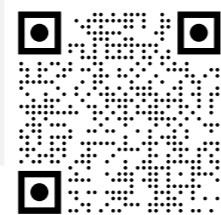
Standard wall colours in white and matt black are available. Additionally ASB can provide the walls in every non-metallic RAL colour and with patterns or graphics. The ASB PermanentGlassCourt / ASB PermanentGlassWall can be custom-designed and large graphics or motives for special training routines can be included. The option to have custom-designed front walls is a great way to refinance the investment. In this way exclusive naming rights of a court can be sold or high priority advertising space can be created.

**ANY ENVIRONMENT**

As glass is not subject to damage through humidity or any other external factors (heat or cold...) it can be installed and will perform ideally in any environment even outdoors.



ASB PermanentGlassCourt



ASB PermanentGlassWall

**Advantages**

**FAST AND CLEAN INSTALLATION**

With our specially designed, new fitting system the ASB PermanentGlassCourt / ASB PermanentGlassWall can be fitted extremely fast, even on non-level walls. During installation there is no dust, dirt or immense noise so that all activity can continue as regular in the rest of the centre.

**MARKING LINES**

Standard marking lines are: red, blue, green and yellow. We also offer customised marking lines.



**RENOVATION ON SYSTEM, PANEL OF PLASTER COURTS**

We developed a new fitting system for the ASB PermanentGlassWalls that allows the wall to be fitted to all existing squash courts, most existing walls and as a free standing wall. The new fitting system allows very fast installation that automatically will be 100% straight and level. A front wall installation is done comfortable in one day. Even existing courts with non-level front walls will have a perfect surface after only a few hours.

In addition, the ASB PermanentGlassWall is fitted with sound reducing insulation when fitted directly to an existing wall preventing the gap between the glass and the wall to act as a resonating box. Therefore the noise of the ball impact is reduced and not transferred directly onto the building's wall.



**FLOORING**

Depending on the colour of the walls a standard wooden floor or a dark wooden floor is recommended. On a court with dark wall colours a white ball is used for play. Due to the contrast to the white ball ASB offers its standard ASB SportsFloor with the same finish we use on the ASB ShowGlassCourt, used for most world class official events. The dark finish is in black, but still shows the natural grain of the wood and does not stain the ball or shoes.



**WORLD  
SQUASH**

ACCREDITED  
PRODUCT

**WSF**

# ASB PermanentGlassWall10

**ASB**  
The Original

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

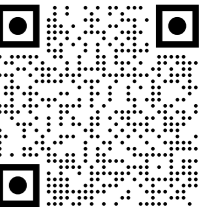
ASB Squash Courts

ASB Squash Courts

ASB Squash Courts

**ASB**  
The Original

ASB Squash Courts



## 38 / 39 ASB PermanentGlassWall10

ASB PermanentGlassWall10 is ASB's another innovative squash wall solution for the 21st century. It is designed to elevate every squash court facility in the world to a next level. The new system extends our product portfolio to bring our customers the latest technology in squash wall surfaces as we continue to pioneer in squash court construction.



ASB PermanentGlassWall10 is based on a 6 mm thick tempered glass fixed to various types of supporting structural construction. This makes it a perfect solution for brand new installations as well as for modernising existing squash courts.

This innovation benefits from the best characteristics of both ASB System40 and ASB System100 court walls and adds an extra bonus through its additional durability and marketing opportunities.

### Easy way of renovation

ASB PermanentGlassWall10 installed by our experienced crew makes the renovation and modernization of existing squash courts easy, quick and permanent without any dust and nuisance for the centre clients. The centre remains open and there is no downtime on its other facilities.

### Smart way of a new court construction

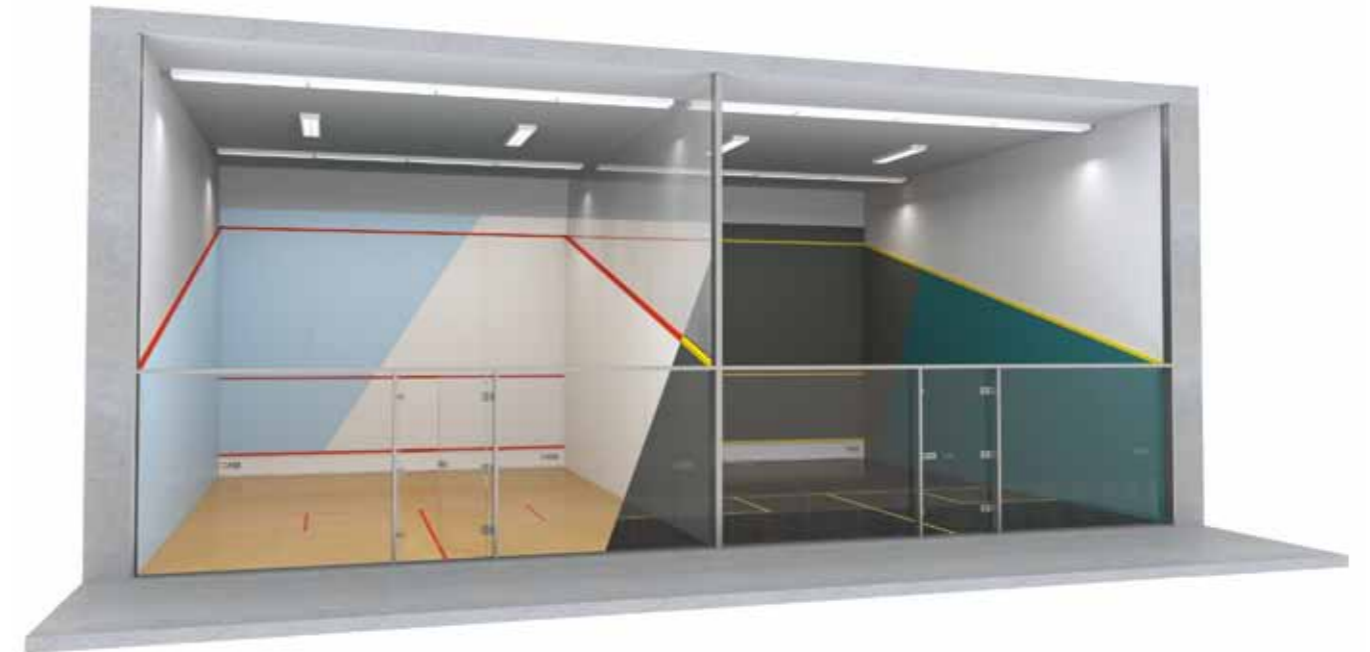
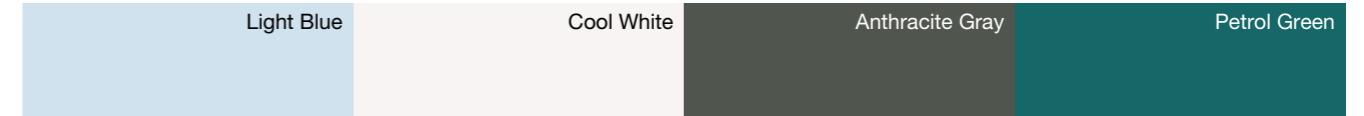
ASB PermanentGlassWall10 new installation by our team makes the new court construction quick and easy.

### Application

- ASB System40 wall
- ASB System100 wall
- Other existing courts
- New installation

Different court configurations in different squash clubs require individual approach in designing the final solution. ASB Permanent GlassWall10 offers several options for all of them.

### Various colour choices



### Advantages

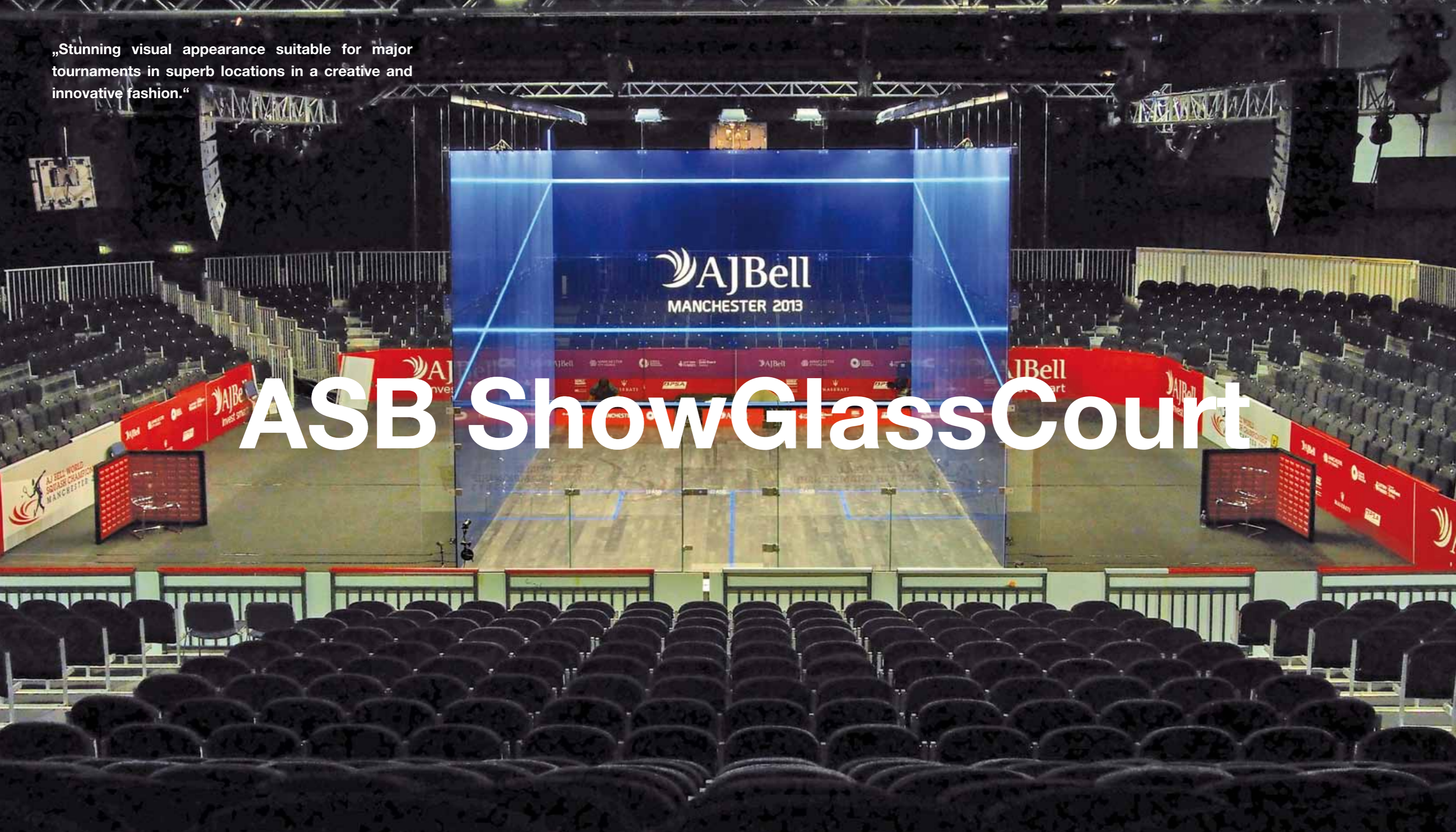
New innovative wall surface for standard ASB System40 or System100 walls	Customized element sizes allowing easy handling and installation even in small areas
Fast, dust-free and noiseless installation	Zero damage by ball and racket impact
New quick and permanent renovation way of existing courts without any significant limits to the squash centre operation	Various colour options without additional surface coating
Possibility to upgrade the existing court walls to glass	Possible to combine with dark floor and white ball usage
Maintenance-free surface	Unlimited usage without wear and tear
Allows players to train and play on glass surface regularly to be prepared for official glass court matches	Humidity resistance and scratch proof surface
10 year surface warranty	



„Stunning visual appearance suitable for major tournaments in superb locations in a creative and innovative fashion.“

# ASB ShowGlassCourt

AJBell  
MANCHESTER 2013





## Advantages

### THE GLASS

All Glass Construction – no metal structure to hold the glass or elements of the lighting system. The visibility, easier transportation and a better overall appearance of the court.

### LARGE BOTTOM PANELS

Allow for faster assembly and enhanced viewing characteristics. Also the playability and consistent ball bounce is improved due to fewer gaps. This is a unique feature of the ASB ShowGlassCourt.

### ENGINEERED ONE-WAY VISION TECHNOLOGY

One-way vision technology works through black dots printed on the glass. Coloured dots are printed directly on surface of the glass. In comparison to other manufacturers that use foils (not resistant to age, UV rays and scratches) we print with ceramic paint directly onto the glass and burn the paint into the glass permanently.

### BRIGHT COLOURS

As the printing process is very complicated it took us many years of development to be able to produce the court in vibrant and bright colours. The combination of our intensive light system and especially chosen colours make the colours look very vivid and make the ASB ShowGlassCourt stand out as a professional squash arena.

### ALUMINIUM FIXINGS

No plastic or PVC - this is a problem with most conventional glass courts, made from aluminium and are designed for maximum durability. They are available in all court colours.

### DOOR LATCH AND HINGES

The door latch and hinges have been continuously improved. A door with ASB aluminium fittings that are used in our conventional courts are made to last.

### TVO FLOOR

Our new TVO (TV Optimised) Floor represents the next generation of squash development in close cooperation with the Professional Squash Association and the World Squash Federation and is made from natural wood and therefore sweat absorbant.

### LIGHT SYSTEM

Many years of experience in building show glass courts have shown that the lighting and the arrangement of lights around the court is a crucial factor for good presentation of the sport on TV and to spectators. Our light system provides perfect TV images and colourful appearance of the court whilst not blinding the player when looking for a high ball.

### COURT VENTILATION

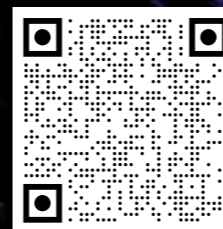
Our new glass courts come with a ventilation system as standard. A good ventilation system is essential for the well-being of players.

### MORE OPTIONS AND CUSTOMISATION

We offer the widest variety of options covering side doors, different floor and light types and many more. One of our main aims is to build state-of-the-art courts usable for every location in the world.

**The ASB GlassCourt is used for major international tournaments featuring the world's leading players. The court has been a major feature of the Commonwealth Games, where a movable side wall instantly converted the playing area into a doubles court.**

**The glass court has a stunning visual appearance and allows promoters and event organisers to stage major tournaments in superb locations in a creative and innovative fashion. The ASB Glass Court is popular among players for providing ideal playing conditions and is acclaimed by the TV industry for creating a dramatic setting that adapts perfectly to the demands of such a high-speed televised sport.**





# ASB TPoint





## 46 / 47 ASB TPoint

TPoint is the first modular squash court of its kind in the world. It is a smart multifunctional glass outdoor squash court which can be fully controlled by the TPoint app which allows players to practice all year in an outdoor environment. TPoint bids to establish stand-alone squash hubs in outdoor areas all around the city, increasing access to sports facilities and raising exposure of the game.

We believe that by bringing squash from “hidden” areas to visible outdoor places around the city, the number of participants will increase each year by showing squash as a healthy, competitive, fun & social sport activity. Our beautifully designed electronic squash courts with innovative technology will create a new and exciting sport experience.

The beauty of TPoint is the complete elimination of compromise. The courts look incredibly clean and stylish. The innovative use of special glass, steel and light, and years of experience in pre-manufactured structures allows ASB to introduce this versatile and minimalistic approach to squash.

TPoint provides maintenance-free playing equipment. It allows the main focus of investment to be put on the player-relevant hardware. The overall system provides ideal playing conditions at all times during the day and year and it makes this incredibly attractive sport visible to the public. At the same time, it provides a social hub for the active and healthy.

### Glass Walls

The glass walls are made of 12mm “SEKURIT” safety glass with burnt-in coloured ceramic dots which cover more than 50% of the surface. Brightly coloured ceramic dots on the inside cause an optical illusion. It generates a matt and distraction-free wall, players don’t see the spectators outside the court, while spectators do not see the dark dots from the outside and enjoy ideal view of the matches.

### Glass Floor

The ASB GlassFloor is the most advanced flooring system in the world. The elastic aluminium substructure and the surface with special burnt-in ceramic dots provide an ideal floor for sport. The new anti-slip squash floor is an absolute innovation in the field of sports floors. The surface is matt, no reflection to distract athletes and spectators. All colours are possible, LED marking lines are installed underneath the glass floor and can be switched on and off as required, any logos, patterns or advertising can be imprinted at the same time.



### Highlights

- The first smart outdoor squash court.
- Completely modular Squash Courts Centre. Modular design makes it easy to erect and connect more courts.
- Sleek, minimalist lines blend into the outdoor environment.
- The walls and the floor are maintenance-free and easy to clean.
- Fitting TPoint into outdoor sport activity areas, parks, hotels, universities, private homes, offices and residential roof tops around the city.
- Hard-wearing to stand up to every type of weather conditions.
- Extensive eaves serve as shade and weather protection for spectators and other people sharing the outdoor space.
- Easy to operate electronic access system.
- More than just a court. It’s a social hub.
- TPoint community: scheduling games, challenging players, sharing of live broadcast on Facebook and other social media, tracking score data, evaluate performance and more...



## 48 / 49 ASB SportsFloor

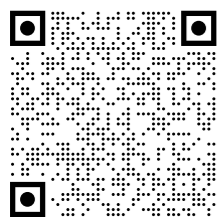
Squash is a dynamic sport requiring fast reactions. Powerful acceleration, abrupt changes of direction and immediate stops place a great demand on the players' joints, tendons and muscles.



Top view



The technical development progressed and ASB was the pioneer using multilayer boards with a thickness of 12 - 16 mm. The whole structure was changed - this was a quantum leap for the floor development. This new, considerably thinner board was extremely elastic and the whole floor structure changed from a bulky crossbar construction to a sensible, joint-protecting substructure throughout the whole court area.



Like no other sport, squash requires a unique style of movement in a relatively small space, with two players battling to occupy the same position around the "T" in the middle of the court. These conditions can only be dealt with a floor with an "intelligent substructure".

Over its long history ASB has installed thousands of parquet floors in squash courts. Throughout this time both quality and structure of the parquet floor have changed fundamentally. We were able to achieve these improvements thanks to the long-term development of our knowledge and experience in this field.

In the 70s massive planks made of beech and maple with a thickness of at least 22 to 25 mm represented quality. This "unhealthy" floor caused problems with the joints of the players later on. The floor was "too solid" which caused uncontrolled ball rebound and applied too much pressure on the bodies of squash players.

### Advantages

The top layer of the multi-layer sports floor is made of 3.5 mm thick wood, either maple, oak or ash. Cross layering makes this floor elastic in every direction and no longer that sensitive to humidity.

The new elasticity of the whole construction means low impact - the ASB SportsFloor = the healthy floor.

This new floor structure makes the ASB sports floor a long-living floor.

The sub floor's structure prevents any breaking through of the upper layer. The whole layer is bedded on rubber pads at intervals of 50 cm.

The ASB SportsFloor is anti-slip due to its special deep impregnation and its rough sanding.

This structure helps to absorb sweat. The floor surface has got more grip.

Any "creaking" is prevented by a foil between the upper layer and the substructure.

## ASB GlassFloor

### Innovation

The new anti-slip squash floor is an absolute innovation in the field of sports floors. Glass is a highly elastic and at the same time very hard material. The chosen substructure determines the elasticity of the floor. The floor is made of two-layer safety glass with 2.0 mm thick, transparent safety foil in between. Burnt in ceramic dots cover 50% of the surface. This special production process makes the floor transparent, non-reflecting and anti-slip, which offers best conditions for effective advertising.



### Advantages

Reduced slipping – players suffer fewer injuries on this surface. Every player is worried about injuries. The ASB GlassFloor has an anti-slip system.

Healthy floor similar to the ASB SportsFloor – elastic and not rigid.

Ball rebound is exactly right – naturally. The surface is even with only little joints and a homogeneous surface.

The ASB GlassFloor is the logical supplement to the ASB ShowGlassCourt and ASB TPoint. Walls and floor are of the same material.

Any colouring of the floor is possible by using coloured material under the glass floor. For intensive colouring the ceramic dots are produced in the required colour.

Under this floor any advertising can easily be placed in any colour and with any logo. It is possible to illuminate the logos.

The marking lines are illuminated and they are under the glass. No changing floor surfaces.

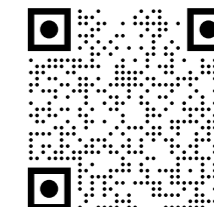
The service boxes can be illuminated by the referee

The floor is suitable for outdoor use.

The GlassFloor has unlimited durability like the GlassBackWalls.

Assembly and disassembly are easy and much faster than before.

Easy-to-clean, durable flooring surface for low-cost maintenance.



## 50 / 51 ASB Height AdjustableTin

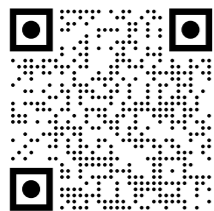
Squash front wall board with quick and easy height adjustment. The ASB Height AdjustableTin consists of 2 mm thick, high-quality aluminium. The tin consisting of two parts and is quickly and easily mountable in a court at any time. The even and white coated aluminium surface gives the tin a stylish look. The ASB Height AdjustableTin is supplied as installation kit. Two more options are also available (described below).

The upper sloping tin profile is already integrated into the shape and is covered with red tape (RAL 3000). The tin height can be adjusted in just a few steps and is fit for any international competition. The surface of the Tin is reinforced and "low" balls are recognised immediately. If the ball hits the ASB Height AdjustableTin, it is clearly audible because of the different sound of impact. Unnecessary discussions about "out" or "down" are avoided.

Depending on skill level and rules of competition, the height of the tin board can be chosen. With very little effort the board can be lowered from 48 cm to 43 cm and vice versa. The 48 cm high tin is used for normal matches. The tin with a height of 43 cm is used for international tournaments (PSA). This option allows professionals to train on the lowered position as well. Not all centres offer this option, so it is a perfect way to attract new clients to the club.



Change of the height can be done in seconds.



### ASB Height AdjustableTin is:

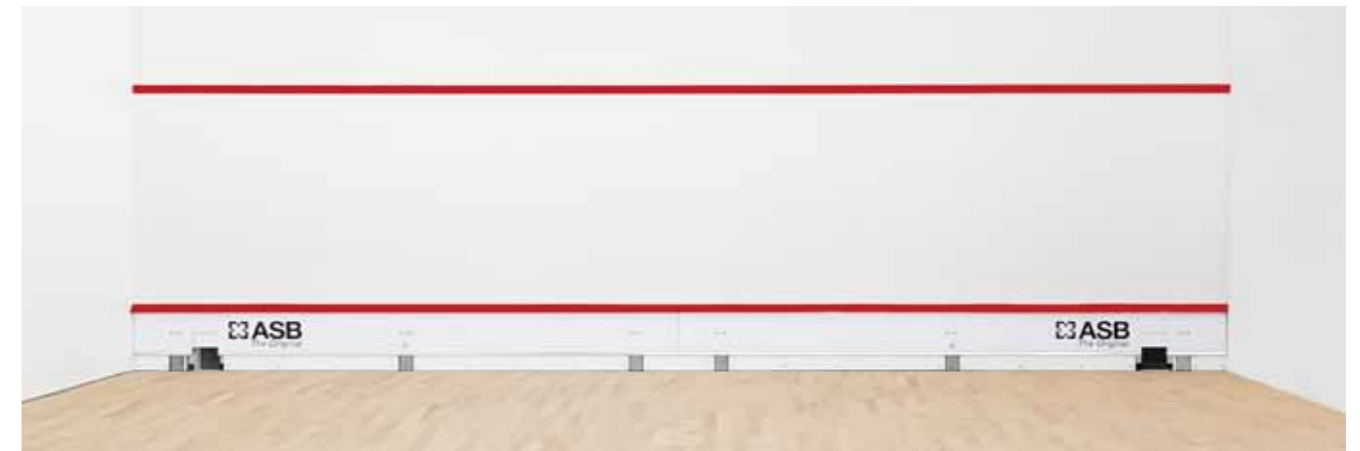
- installed fast and easily
- height adjustable for national and international competition
- extremely steady
- made of 2 mm thick high-quality aluminium
- easy to handle
- made according to international specifications
- offering plenty of surface for advertising
- suitable for every court
- supplied as installation kit

## Options:

### three position ASB Height AdjustableTin for doubles

Besides standard heights this tin can also be set up to a height of 33 cm for the squash doubles play.

The three position ASB Height AdjustableTin is suitable for international competitions in squash doubles. As the width of the doubles court was expanded from 7,62 m to 8,42 m and the height of the tin board was lowered to 33 cm from the floor to the top - ASB has reacted to that with ease and answered with the three position ASB Height AdjustableTin. This tin meets the most strict demands on this thrilling game improvement.



### perforated ASB Height AdjustableTin

ASB's ventilation solution... a specially perforated ASB Height AdjustableTin allowing direct connection of the ventilation or heating system to the court area, which greatly helps to achieve the required climatic and playing conditions on the court.





## 52 / 53 Squash Court Lighting

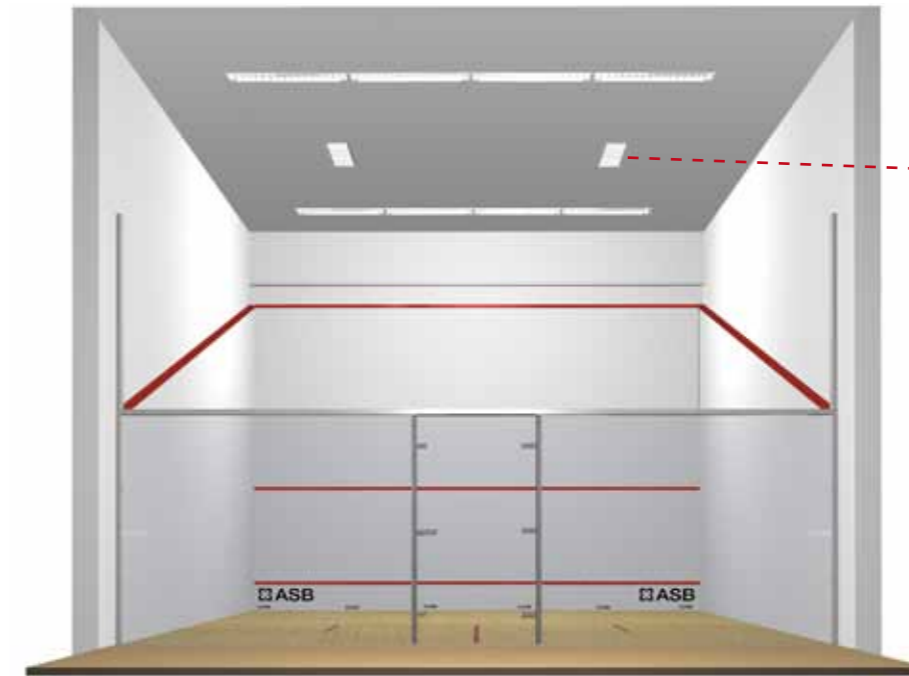
**ASB's solution of squash court illumination that makes the players and their skills shine - instead of leaving them in the dark**

One of the most underestimated parts of a squash court is actually very essential for the game: squash court lighting. WSF court specification rule 11 states that "the court shall be lit by artificial light" and the level of illumination is at least 300 lux, measured at 1 m above floor level. Although a minimum of 300 lux is technically permitted, reality shows that playing characteristics are extremely altered and players having huge problems seeing the ball.

There is really only one solution to this problem - ASB's lighting system for proper squash court illumination. ASB has developed a special lights layout configuration that achieves at least 500 lux, measured at 1m above parquet floor level. The squash court lights

layout has been developed with the aim to ensure good ball visibility not only in the centre of the squash court but in all four corners as well. The squash court lights are controlled from the outside, using either a timer mechanism or a manual switch.

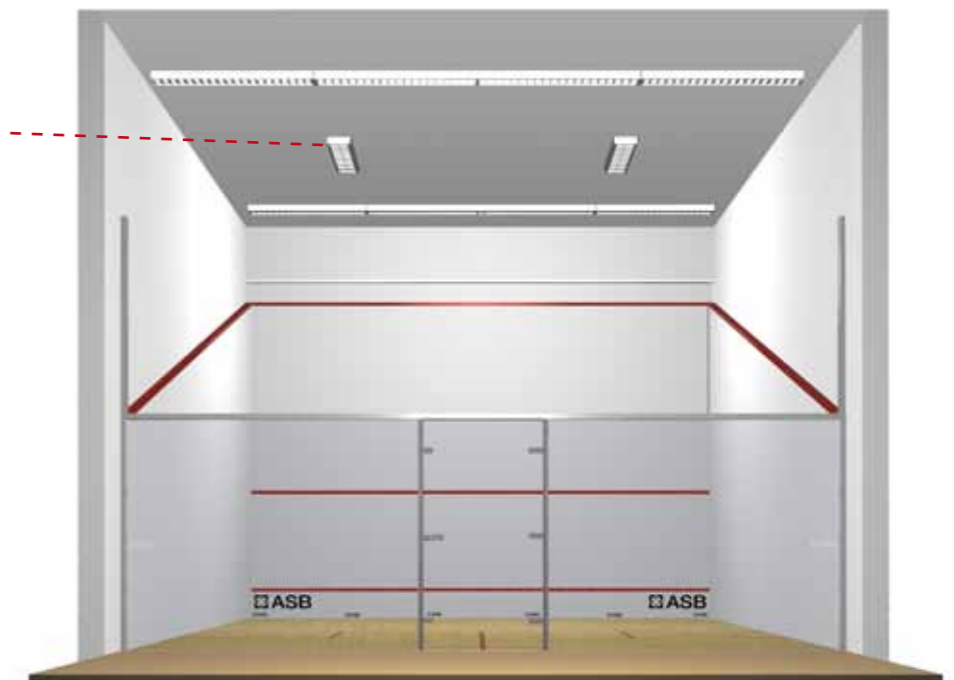
ASB offers two squash court lighting solutions: **Fluorescent luminaires** layout configuration and **LED luminaires** layout configuration (more efficient solution with several times higher lifetime). Luminaires can be suspended (wire or chain pendants), fixed to the ceiling or integrated into ceiling grids and plasterboards. ASB ShowGlassCourts used primarily for exhibitions and tournaments are equipped with LED luminaires mounted on special constructions.



*Luminaires integrated into the ceiling*



*Luminaires fixed to the ceiling*



# 54 / 55 Squash Wall Paint

**ASB has the ideal paint for squash court walls. Our wall coating gives the squash court a new look. People always find something new more appealing. A newly painted court is like a new toy - it has a great appeal.**

Special paint for squash court walls. This squash court wall paint is the ideal coating for renovation or newly built courts and works with all common squash court surfaces. It is the right choice and offers the expected ASB quality.

Specially designed squash court wall paint has a higher elasticity, which makes the paint flexible and does not disintegrate into small micro particles where a ball strikes, like commonly used paints do. This paint works as a protective layer on a squash wall and prevents its damage from the ball.

The Squash Wall Paint is available in various colour shades. In this context, also have a look at our ASB RainbowCourts, which allow an entirely different training concept that has prevailed throughout the world

because of its intuitive way of giving understanding of the squash game.



*Squash Wall Paint kit*

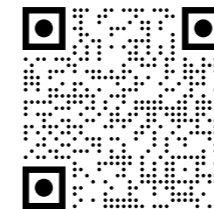


*Before the Squash Wall Paint application*



*After the Squash Wall Paint application*

Various colour shades e.g.:



## Main advantages

Specially developed and designed for squash walls	Excellent adhesion to common squash wall surfaces
Best solution for renovation works	High sustainability
Easy to apply, no strong odour	Scratch and abrasion resistant
Available in RAL colour shades	Humidity resistance
Resistant to chemicals, solvents, coolants and cleaning agents	Successfully used all over the world and in different climate zones



## 56 / 57 PadelCourt

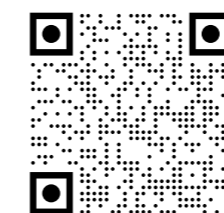
**ASB's solution for padel tennis. After more than 50 years in the leisure sport industry, ASB is now offering a new trend sport product: The PadelCourt. With many units already installed we are looking to extend the quantity further more.**

The PadelCourt can be used by leisure players as well as professional players for high level competition. It is closed entirely by 10 m in width and 20 m in length. The ASB PadelCourt offers the same characteristics as the ASB SquashCourt: high quality material, perfect finish, installed by an experienced installation crew to offer a sustainable product that pleases every client.

The PadelCourt complies with regulatory standards for the padel game. Side and back walls are built with full metal frame & glass, which allow regular ball bounce. The net's size is within regulations. Double mesh made of polyethylene with vinyl tape, white top with logo. The PadelCourt can have an artificial lighting for proper playing conditions of the game during night hours or low sunlight. Lights are not obstructing the vision of the players. It consists of 4 pillars of 6 meters height that are part of the padel court wall structure. Two on each side of the court, placed 4 m from each back wall, each one being equipped with one or two 400 W white light lights.

The flooring surface of the court consists of blue artificial grass, UV protected and slightly covered with sand to ensure that impact on knees and ankles of the players is absorbed. The ball bounces consistently. The court is equipped with large glass panes on each end, offering great viewing possibilities and solid ball rebound for the players on the inside. The sides are made of coated steel fencing without any sharp edges in order to protect players from injuries.

The court is accessible either from both sides or from one side only with all doors being lockable by key. Wheelchair access is also ensured.



## 58 / 59 Inflatable SquashCourt

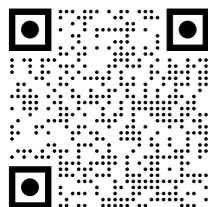
**We bring squash to children. The Inflatable SquashCourt is the ideal add-on for clubs offering additional service to its members and their children. It is also the ideal starter pack for squash federations, cities and schools to get children involved in racket sports and of course squash in particular.**

Due to large demand and numerous requests, we have included the Inflatable SquashCourt in our portfolio. With our eyes and ears always close to the pulse of the market, we have had several discussions with club owners and federation officials that all circled around the same topic: how to get more young players and children attracted to our sport.

Since it is sometimes difficult to offer children court time or to even get kids to a squash centre in the first place, we thought we needed something that could be mounted anywhere in a quick fashion, not requiring a lot of space and of course with a reasonable price. After already seeing a couple of versions of inflatable courts and its various qualities, we didn't want to settle for just any court but instead only wanted to use the best possible materials in accordance with the highest ecological standards to offer our clients a court that their children and future squash players will enjoy.

The Inflatable SquashCourt is made of highly resistant material to prevent any damage from rackets or children jumping against the wall. The Inflatable SquashCourt creates a playful atmosphere for kids to get involved in the sport. Thanks to its quick installation and dismantling time as well as its resistant material, the court can be taken to numerous locations to spread the sport as much as possible. From a commercial point of view, ASB offers its clients the possibility to either put permanent advertisement on the Inflatable SquashCourt or changeable advertisement on it. Options can be discussed according to the client's request.

Clients have the choice of a court in blue and red or green and silver with a size of 5,2 m (width) x 6 m (length) x 3 m (height). The product comes with a powerful compressor that ensures that the court is inflated in approx. 15 minutes. Two rackets and a soft ball are included in the package. The court can be transported on a pallet.





# Cooperate with us

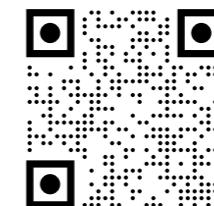
1. **Communicate with experienced professionals**
2. **Get a quick feedback and response**
3. **”Trust and communication“ as our main principle**
4. **Take advantage of the individual approach**
5. **Take advantage of the innovation**
6. **Take advantage of the flexibility**
7. **Take advantage of the creativity**
8. **Experience the know-how**

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**ASB operates in more than 70 countries worldwide.**

**Africa**

- Algeria
- Egypt
- Kenya
- Madagascar
- Nigeria
- South Africa
- Uganda

**America**

- Argentina
- Brazil
- Canada
- Columbia
- Guatemala

**Asia**

- Bahrain
- China
- Hong Kong
- India
- Jordan
- Kazakhstan
- Korea
- Kuwait

**Chile**

- Paraguay
- Peru
- United States of America

**Malaysia**

- Oman
- Pakistan
- Qatar
- Saudi Arabia
- United Arab Emirates

**Oceania**

- Australia
- Indonesia
- Malaysia
- New Zealand
- Papua New Guinea

**Europe**

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- Azerbaijan
- Belarus
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- England
- Estonia
- Finland
- France
- Georgia

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- Israel
- Italy
- Latvia
- Lithuania
- Macedonia
- Malta
- Moldova
- Montenegro
- Northern Ireland
- Norway
- Poland

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- Turkey
- Ukraine
- Wales



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