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MOBILE SPORTS & COVER FLOORS EN

FIBA

APPROVED EQUIPMENT

at in der Arena

1

© Camera4

2 | Speed-Lock Company Location



Production site Halle/Westfalen, Germany

Quality made in Germany

Speed-Lock, the mobile sports floor, is a product of Holz-Speckmann GmbH & Co. KG based in Ostwestfalen-Lippe in Germany. Our know-how resulting from decades of experience with wood is the basis for a mobile floor that has been developed for long-term use. The floor elements are manufactured precisely and accurately with state-of-the-art CNC-controlled machinery.

Quick installation, high durability and longevity – these are the advantages of our mobile Speed-Lock sports & cover floors. The convincing technical and sports functional specifications make Speed-Lock the first choice. Our many international references are proof of this. Speed-Lock sports & cover floors, are found on five continents and in numerous countries.



Speed-Lock Sports Floors

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Basketball



Berlin Germany

13 out of 18 teams in the first German Basketball League (BBL) start into the 2023/2024 season on a Speed-Lock S20.

References

Mercedes-Benz Arena, Berlin, Germany AIS Arena, Canberra, Australia Coliseum Burgos, Burgos, Spain Raiffeisen Sportpark, Graz, Austria Steppe Arena, Ulaanbaatar, Mongolia Nokian Palloiluhalli, Nokia, Finland Tromso Arena, Tromso, Norway KIA Metropol Arena, Nürnberg, Germany Stadthalle, Rostock, Germany Maaspoort, ´s-Hertogenbosch, Netherlands Paul-Horn Arena, Tübingen, Germany Arena Naestved, Naestved, Denmark Deutenberghalle, Villingen-Schwenningen, Germany

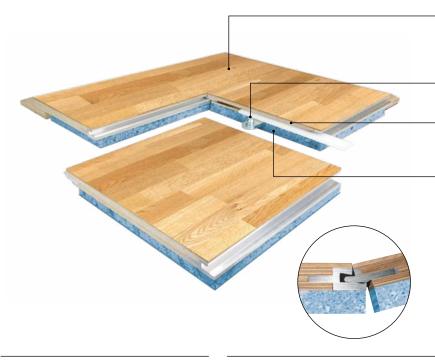
Bobcat Arena, Frostburg, MD, USA edel-optics.de Arena, Hamburg, Germany Sparkassen Arena, Göttingen, Germany MHP Arena, Ludwigsburg, Germany GSB Stadium 29, Bangkok, Thailand Volkswagen Halle, Braunschweig, Germany **Oberfrankenhalle**, Bayreuth, Germany **Basketball Academie Limburg**, Weert, Netherlands

EWE Arena, Oldenburg, Germany Stadthalle Weißenfels, Weißenfels, Germany

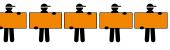
Messehallen, Chemnitz, Germany tectake ARENA, Würzburg, Germany SNP dome, Heidelberg, Germany Hakro Arena, Crailsheim, Germany

Speed-Lock S20

The area elastic mobile sports floor **Speed-Lock S20** is the uncompromising development of the Speed-Lock sports series. The patented Speed-Lock aluminium interlocking system and the low weight of the modules ensure a most safe and easy handling.







Top Layers



Top Layer

Wood species: Oak, Hard Maple and Ash Wear Layer: 3,6 mm parquet in shipdeck design, factory sealed

Head joint with hook and eye and plastic connector

Middle Layer

15 mm birch special plywood according with EN 13986 - EN 636-2S

Elastic Layer

18 mm laminate composite foam with PE film

Thickness

approx. 37 mm

Module Size

L 2470 x W 613 mm (1,51 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

Certification DIN V 18032-2:2001-04 and EN 14904:2006

Weight approx. 24 kg per module, approx. 16 kg/m²

Transport and Storage 11 Pallets à L 2540 x W 800 x H 2000 mm, stackable

Storage Area approx. 12,5 m² (22,5 m² unstacked)





Handball



Zurich Switzerland

References

Wunderino Arena, Kiel, Germany Antel Arena, Montevideo, Uruguay Barclays Arena, Hamburg, Germany QUARTERBACK Immobilien ARENA, Leipzig, Germany Le Phare Chambéry, Chambéry, France Hakons Hall, Lillehammer, Norway

Dragão Arena, Porto, Portugal Palladium Arena, Zrenjanin, Serbia Sud de France Arena, Montpellier, France Max-Schmeling-Halle, Berlin, Germany Friedrich-Ebert-Halle, Ludwigshafen, Germany

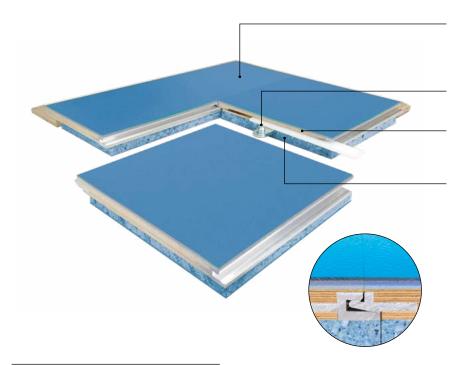
SBBS Sporthalle Erfurt, Erfurt, Germany MSH Arena Armeec, Sofia, Bulgaria Emslandhallen, Lingen, Germany Sport & Kongresszentrum, Schwerin, Germany

Arena Nürnberger Versicherung, Nürnberg, Germany

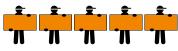
Rothenbach-Halle, Kassel, Germany Valdres Storhall, Leira, Norway Kongsvingerhallen, Kongsvinger, Norway Ville de Differdange, Luxembourg Arena Minsk, Belarus Holstenhallen, Neumünster, Germany EgeTransArena, Bietigheim-Bissingen, Germany Hala Sportowa, Torun, Poland Sporthalle, Hollabrunn, Austria Velodromo Nacional, Sangalhos, Portugal

Speed-Lock M1

Speed-Lock M1 – The high level competition floor all in one: A point elastic top layer is factory applied on an area elastic mobile subfloor enhancing the athlete's performance and safety. A wide range of colours and various designs are available to comply with international standards.







Top Layer

Available Colors: according with current pattern range. Wear Layer: 7,5 mm PVC sports floor, FIBA, FIVB, IHF approved

Head joint with hook and eye and plastic connector

Middle Layer

18 mm birch special plywood according with EN 13986 - EN 636-2S

Bottom Layer

18 mm laminate composite foam with PE film

Thickness

approx. 43 mm

Module Size

L 2470 x W 613 mm (1,51 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

Certification DIN V 18032-2:2001-04 and EN 14904:2006

Weight approx. 30 kg per module, approx. 20 kg/m²

Transport and Storage 18 Pallets à L 2540 x W 800 x H 2000 mm, stackable

Storage Area approx. 18,5 m² (36,5 m² unstacked)



Berlin Germany





Handball



Chambéry France

References

Wunderino Arena, Kiel, Germany Antel Arena, Montevideo, Uruguay Barclays Arena, Hamburg, Germany QUARTERBACK Immobilien ARENA, Leipzig, Germany Le Phare Chambéry, Chambéry, France

Hakons Hall, Lillehammer, Norway Dragão Arena, Porto, Portugal Palladium Arena, Zrenjanin, Serbia Sud de France Arena, Montpellier, France Max-Schmeling-Halle, Berlin, Germany Friedrich-Ebert-Halle, Ludwigshafen, Germany

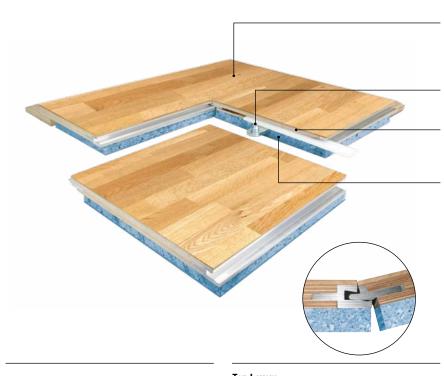
SBBS Sporthalle Erfurt, Erfurt, Germany MSH Arena Armeec, Sofia, Bulgaria Emslandhallen, Lingen, Germany Sport & Kongresszentrum, Schwerin, Germany

Arena Nürnberger Versicherung, Nürnberg, Germany

Rothenbach-Halle, Kassel, Germany Valdres Storhall, Leira, Norway Kongsvingerhallen, Kongsvinger, Norway Ville de Differdange, Luxembourg Arena Minsk, Belarus Holstenhallen, Neumünster, Germany EgeTransArena, Bietigheim-Bissingen, Germany Hala Sportowa, Torun, Poland Sporthalle, Hollabrunn, Austria Velodromo Nacional, Sangalhos, Portugal

Speed-Lock S20

Speed-Lock S20 has a unique seamless parquet wear layer with a sturdy varnishing. It is a highly resistant premium sports floor for utmost demands, fast to install and easy to clean.









Top Layer

Wood species: Oak, Hard Maple and Ash Wear Layer: 3,6 mm parquet in shipdeck design, factory sealed

Head joint with hook and eye and plastic connector

Middle Layer

15 mm birch special plywood according with EN 13986 - EN 636-2S

Elastic Layer

18 mm laminate composite foam with PE film

Thickness

approx. 37 mm

Module Size

L 2470 x W 613 mm (1,51 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

Certification DIN V 18032-2:2001-04 and EN 14904:2006

Weight approx. 24 kg per module, approx. 16 kg/m²

Transport and Storage 18 Pallets à L 2540 x W 800 x H 2000 mm, stackable

Storage Area approx. 18,5 m² (36,5 m² unstacked)



Lillehammer Norway



Volleyball



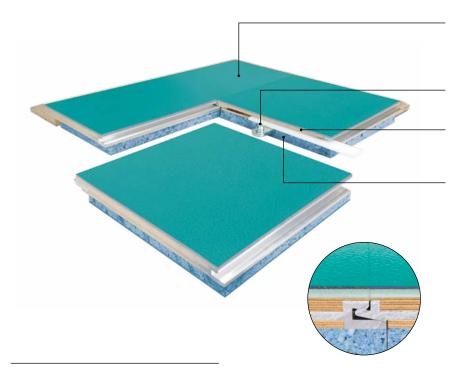
Zurich Switzerland

References

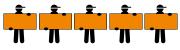
Max-Schmeling-Halle, Berlin, Germany Messe, Friedrichshafen, Germany Turgutlu Sports Arena, Turgutlu-Manasia, Turkey Lugano Dragons, Lugano, Switzerland FIVB Club Championship Eventcourt, Basel, Switzerland Olympiahalle, Innsbruck, Austria GCDW, Herrsching, Germany Saalsporthalle, Volero Zurich, Switzerland Arena, Anapa, Russia Messe Sinsheim, Germany Palmberg Arena, Schwerin, Germany BBC Arena, VC Kanti Schaffhausen, Switzerland Swiss Volley Bern, Switzerland Arena Narbonne, France Arena du Pays d'Aix, Aix en Provence, France Palestra, Chaumont, France Salle Multimodale, Narbonne, France

Speed-Lock M1

The combi-elastic **Speed-Lock M1** ensures best performance for high competition tournaments. The installation can be carried out directly on flat concrete surfaces transforming every arena into a first class sports venue.







Top Layer

Available Colors: according with current pattern range. Wear Layer: 7,5 mm PVC sports floor, FIBA, FIVB, IHF approved

Head joint with hook and eye and plastic connector

Middle Layer

18 mm birch special plywood according with EN 13986 - EN 636-2S

Bottom Layer

18 mm laminate composite foam with PE film

Thickness

approx. 43 mm

Module Size

L 2470 x W 613 mm (1,51 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

Certification DIN V 18032-2:2001-04 and EN 14904:2006

Weight approx. 30 kg per module, approx. 20 kg/m²

Transport and Storage 11 Pallets à L 2540 x W 800 x H 2000 mm, stackable

Storage Area approx. 12,5 m² (22,5 m² unstacked)



Friedrichshafen Germany



Mobile Subconstruction / Stage Floors



Cologne Germany

References

Velux EHF Final 4, Cologne, Germany Centre Sportif d'Oberkorn, Differdange, Luxembourg Royal Arena, Copenhagen, Denmark Stadthalle St. Ingbert, St. Ingbert, Germany Bühnen der Stadt Cologne, Cologne, Germany KunstFestSpiele, Hanover, Germany

Speed-Lock Basic / Basic Design

Speed-Lock Basic: The mobile or semi-permanent subflooring system for any rolled sports floors. It is quick and easy to install and is the ideal choice for many sporting events. The Speed-Lock Basic offers the features of an area-elastic or combi-elastic sports floor, always achieving a perfect quality.

The decor of the **Speed-Lock Basic Design** is made of a direct printing process. The great optical wood design is cured with a premium sports varnish.

Surface

A direct printing design process with a premium sports varnish

Head joint with hook and eye and plastic connector

Load Distribution Board 18 mm birch special plywood according with

EN 13986 - EN 636-2S

Elastic Layer

18 mm laminate composite foam with PE film

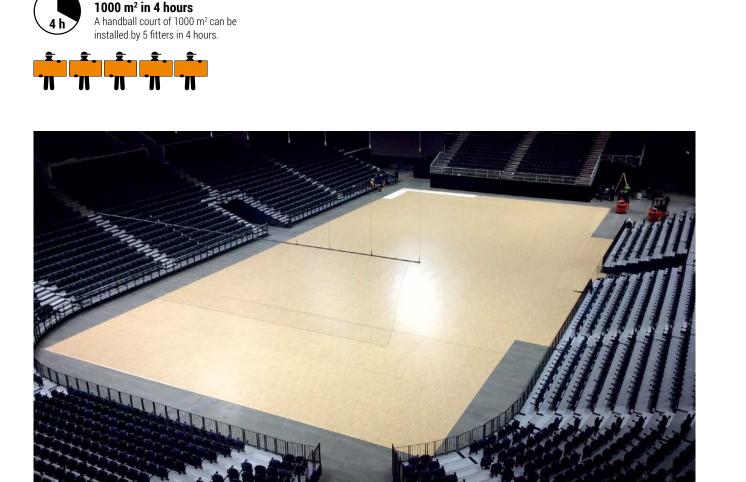
Thickness approx. 36 mm

Module Size

L 2470 x W 613 mm (1,51 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

 $\ensuremath{\textit{Weight}}$ approx. 24 kg per module, approx. 16 kg/m^2



Copenhagen Denmark





Dance



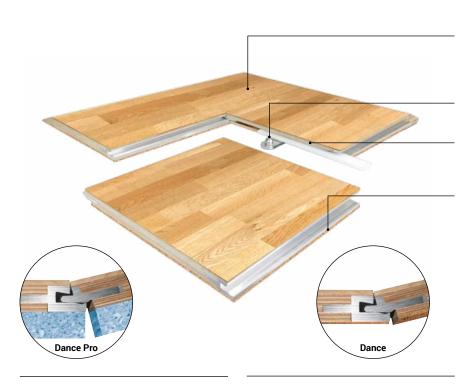
References

Arena Klosters, Klosters-Serneus, Switzerland Multiversum Wien, Austria Gundelsheim, Germany Sportizon, Belgium Scania, Södertälje, Sweden Weissach im Tal, Germany Volkshochschule, Paderborn, Germany Stadthalle, Bielefeld, Germany Holstenhallen, Neumünster, Germany Sentralen, Oslo, Norway Pensiunea Tony, Tatarani, Romania Café zur Düne, Grömitz, Germany College Anita Conti, Lorient, France Breakdance Championships, Moskau, Russia

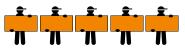
Speed-Lock Dance / Dance Pro

Speed-Lock Sport Dance The ideal floor for dancing events with a fast installation process. A great parquet look with superb high resistance properties.

Speed-Lock Dance Pro provides shock absorption and accurate slip resistance with maximum comfort for break-dance and physical dancing.







Speed-Lock Dance Pro

Top Layer Wood Species: Hard Maple and Oak 3.6 mm parquet wear layer in shipdeck design, factory sealed

Head joint with hook and eye and plastic connector

Middle Layer 15 mm birch special plywood according with EN 13986 - EN 636-2S

Elastic Layer 18 mm laminate composite foam with PE film

Thickness approx. 37 mm

Module Size L 2470 x W 613 mm (1,51 m² per module)

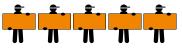
Interlocking System patented Speed-Lock aluminium connectors

Weight approx. 24 kg per module, approx. 16 kg/m²

Certification DIN V 18032-2:2001-04 and EN 14904:2006



200 m² in 1 hour Dance: A dancefloor of 200 m² can be installd by 5 fitters in 1 hour.



Speed-Lock Dance

Top Layer Wood Species: Hard Maple and Oak 3.6 mm parquet wear layer in shipdeck design, factory sealed

Head joint with hook and eye and plastic connector

Middle Layer 15 mm birch special plywood according with EN 13986 - EN 636-2S

Bottom Layer 2 mm cork

Thickness approx. 21 mm

Module Size L 2470 x W 613 mm (1,51 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

 $\label{eq:weight} \begin{array}{l} \textbf{Weight} \ approx. \ 21 \ kg \ per \ module, \\ approx. \ 14 \ kg/m^2 \end{array}$

Top Layers

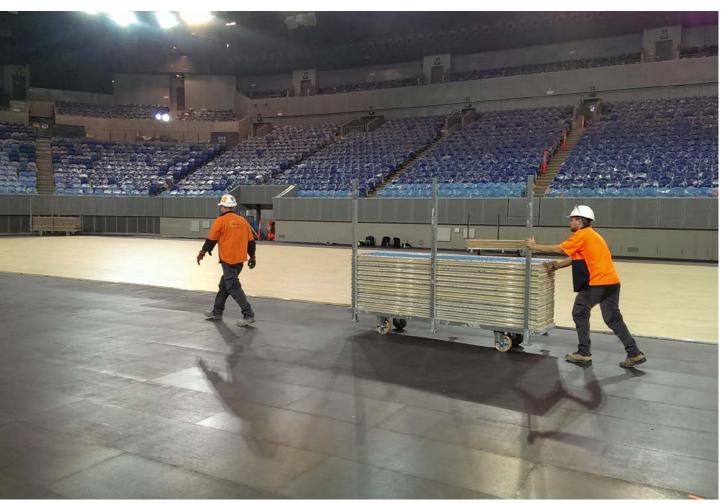




Frankfurt Germany



Transport & Storage



Metal Pallets during installation

Metal Pallets

Affordable transport and storage solutions are available. A large choice of metal pallets allow an easy loading and dismantling of the mobile Speed-Lock modules. To safe storage room, the pallets are stackable. Upon request the pallets can be equipped with heavy-duty castors.







Metal Pallets with tension belts

	Basketball	Handball	Volleyball
Required Pallets	11	18	11
Pallet Dimension~(L~x~W~x~H)	2540 x 800 x 2000 mm	2540 x 800 x 2000 mm	2540 x 800 x 2000 mm
Storage Area (unstacked)	approx. 12,5 m² (22,5 m²)	approx. 18,5 m² (36,5 m²)	approx. 12,5 m² (22,5 m²)
Court Dimension	approx. 600 m ²	approx. 1000 m ²	approx. 600 m ²



Custom-built Design



Mobile Speed-Lock Squash Courts



Speed-Lock Table Tennis



Custom-built Speed-Lock Modules



SpeedCourt

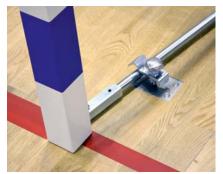


SpeedCourt



Speed-Lock Judo

INDIVIDUAL SOLUTIONS FOR YOUR NEEDS



Factory-made anchoring devices

High-precision customized solutions are manufactured using the latest CNC machinery. Our permanent quality control guarantees the high quality and longevity of our flooring systems. We are able to provide customer-specific solutions upon request.

- → Mobile Speed-Lock Squash Courts with special surface texture.
- → For every sport a technical solution: Speed-Lock Judo with customized border.
- → Factory-made anchoring devices for goals and basketball backstops.
- → Custom-built Speed-Lock modules assure perfect adjustment of the volleyball net poles.

Speed-Lock provides a versatile range of options for designing your sports floor.



Ice Cover Pro



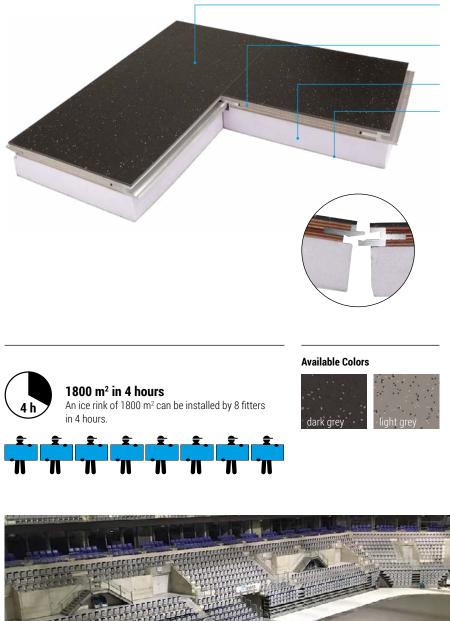
Cologne Germany

References

Mercedes-Benz Arena, Berlin, Germany Lanxess Arena, Cologne, Germany NKT Arena Karlskrona, Karlskrona, Sweden Patinoire Chatellerault, Chatellerault, France Ice Stadium, Baranovichi, Belarus PSD BANK DOME, Dusseldorf, Germany SAP Arena, Mannheim, Germany EgeTransArena, Bietigheim-Bissingen, Germany Emscher-Lippe-Halle, Gelsenkirchen, Germany Nordhessen Arena, Kassel, Germany PreZero Rheinlandhalle, Duisburg, Germany Patinoire de Bourges, Bourges, France Eisstadion, Bremerhaven, Germany Eissporthalle Frankfurt, Frankfurt, Germany

Speed-Lock Ice Cover Pro

Speed-Lock Ice Cover Pro will convert your ice arena into a multifunctional arena within a very short time frame. The rubber top layer provides a decorative design along with a perfectly warm, comfortable and easy to clean floor. Due to the high insulation value, sports floors can be installed on the Speed-Lock Ice Cover System for a longer period of time. The dew point does not move to the surface of the ice cover floor or into the sports floor construction.



Top Layer 3 mm rubber with reflection-breaking surface

Load Distribution Board 18 mm birch special plywood according with EN 13986 - EN 636-2S

Insulating Layer 45 mm XPS polystyrene rigid foam

Bottom Layer 0,4 mm hard PVC

Thickness approx. 67 mm Module Size L 2400 x W 600 mm (1,44 m² per module) Interlocking System patented Speed-Lock aluminium connectors Weight approx. 32 kg per module, approx. 22 kg/m²

Heat Transition Coefficient approx. 0,63 W/(m²K) Thermal Resistance approx. 1,59 m² K/W Reaction to Fire Classification Bfl-s1 EN 13501:2010 Load Bearing Capacity Forklifts and other

equipment with 10 tons including load

Transport and Storage 25 Pallets à L 2440 x W 1420 x H 2000 mm, stackable

Storage Area, unstacked approx. 45 m² (87 m² unstacked) approx. 174 m³

INSULATION VALUE Ice Temperature -7°C Room Temperature +18°C Relative Air Humidity 45% Speed-Lock Surface Temperature +12°C



Mannheim Germany



Ice Cover Basic



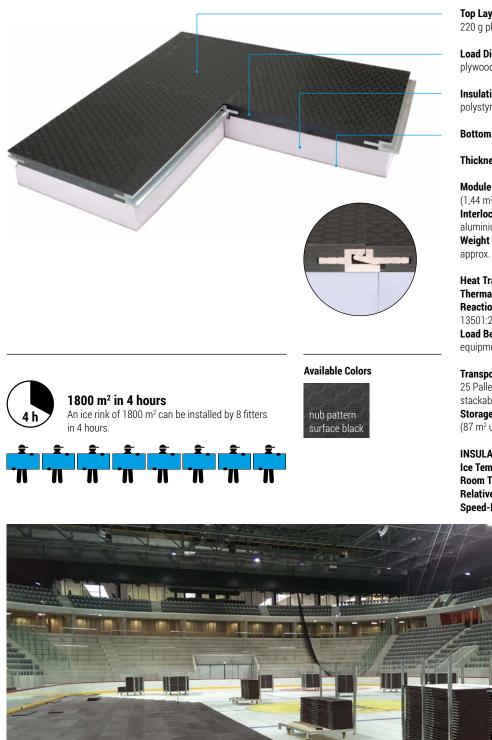
Zurich Switzerland

References

Swiss Life Arena, Zurich, Switzerland MEGA Shopping Mall, Samara, Russia Hala Polárka, Frýdek Místek, Czech Republic Cornèr Arena, Lugano, Switzerland Bodensee-Arena, Kreuzlingen, Switzerland Patinoire d'Ycoor, Crans Montana, Switzerland Gap Ice Arena, France Ljungby Arena, Sweden Aren'Ice, Cergy, France Coliseum d'Amiens, Amiens, France Angers ICEPARC, Angers, France Stade de Glace Alp'Arena, Gap, France

Speed-Lock Ice Cover Basic

To enable ice arenas to organize a wide variety of events, the ice rink has to be fitted with a safe and secure floor system that can cope with the highest loads and demands. **Speed-Lock Ice Cover Basic** features easy, quick and secure fitting.



Top Layer 220 g phenol resin coating

Load Distribution Board 18 mm birch special plywood according with EN 13986- EN 636-2S

Insulating Layer 45 mm XPS polystyrene rigid foam

Bottom Layer 0,4 mm hard PVC

Thickness approx. 64 mm

Module Size L 2400 x W 600 mm (1,44 m² per module) Interlocking System patented Speed-Lock aluminium connectors Weight approx. 28 kg per module, approx. 19,5 kg/m²

Heat Transition Coefficient approx. 0,64 W/(m²K) Thermal Resistance approx. 1,56 m² K/W Reaction to Fire Classification Bfl-s1 EN 13501:2010 Load Bearing Capacity Forklifts and other equipment with 10 tons including load

Transport and Storage 25 Pallets à L 2440 x W 1420 x H 2000 mm, stackable Storage Area, unstacked approx. 45 m² (87 m² unstacked) approx. 174 m³

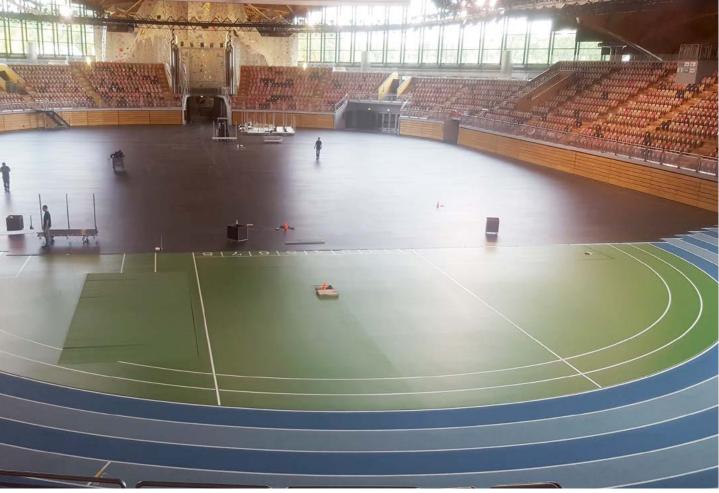
INSULATION VALUE Ice Temperature -7°C Room Temperature +18°C Relative Air Humidity 45% Speed-Lock Surface Temperature +12°C



Biel Switzerland



Cover



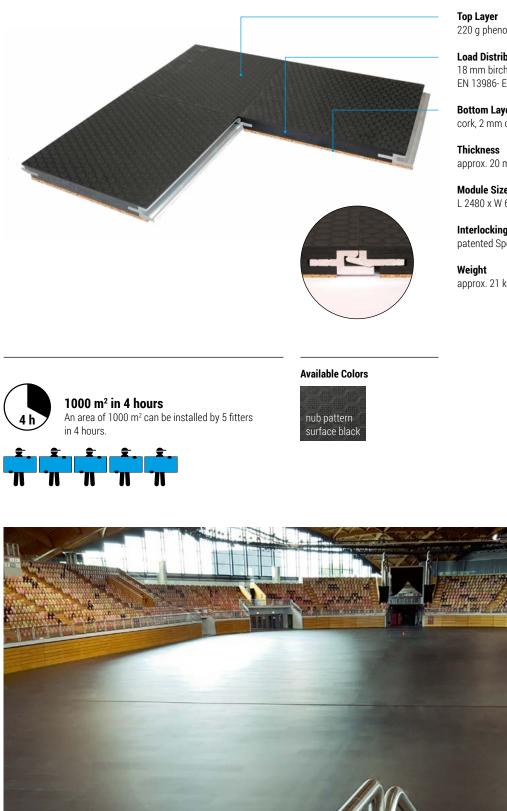
Luxembourg

References

Centre Sportif et Culturel d'Coque, Luxembourg Mercedes-Benz Arena, Berlin, Germany Barclays Arena, Hamburg, Germany Holiday on ICE Production, Shiphol, Netherlands Volero, Zurich, Switzerland Swiss Volley, Bern, Switzerland Hanns-Martin-Schleyer Halle, Stuttgart, Germany Margaret Court Arena, Melbourne, Australia Sydney Olympic Park, Sydney, Australia Arena Klosters, Klosters-Serneus, Switzerland Melbourne Olympic Parks, Melbourne, Australia Porsche Arena, Stuttgart, Germany

Speed-Lock Cover

Speed-Lock Cover is the universal and durable cover floor for any surface. While the surface is extremely durable thanks to a robust phenolic resin coating, the cork covering on the underside protects the subfloor. For referees, officials and press members, a sports floor surface can be extended with Speed-Lock Cover as required.



220 g phenol resin coating

Load Distribution Board 18 mm birch special plywood according with EN 13986- EN 636-2S

Bottom Layer (optional) cork, 2 mm or cellular rubber

approx. 20 mm

Module Size L 2480 x W 620 mm (1,54 m² per module)

Interlocking System patented Speed-Lock aluminium connectors

approx. 21 kg per module, approx. 14 kg/m²





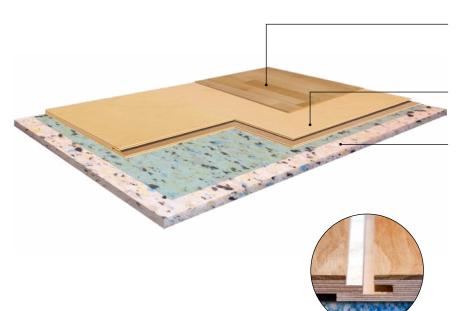
Flex Panel 36 Parquet



Quakenbrück Germany

Speed-Lock Flex Panel 36 Parquet

Flex Panel 36 Parguet is a permanent parguet sports flooring which provides several advantages: The high precision double tongue-and-groove panel junction ensures fast and easy installation while the seamless top layer of each panel is factory sealed and therefore ready to use immediately after installation.



Wear Layer: 3.6 mm parquet wear layer in shipdeck design, factory sealed

Top Layer

Middle Layer 15 mm birch special plywood according with EN 13986 - EN 636-2S

Wood species: Oak, Hard Maple and Ash

Elastic Layer 18 mm composite foam, loose-lay installation

Thickness

approx. 37 mm

Module Size L 2467 x W 590 mm (1,45 m² per module)

Weight approx. 16 kg/m²

Certification

DIN V 18032-2:2001-04 and EN 14904:2006

Reaction to Fire Classification Cfl-s1 EN 13501:2010









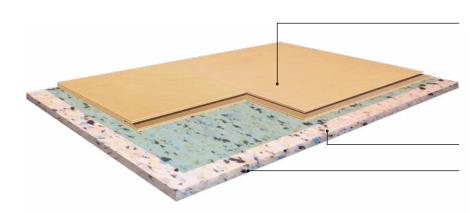
Flex Panel Basic

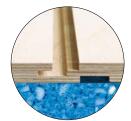


Halle/Westfalen Germany

Speed-Lock Flex Panel Basic

Flex Panel Basic is a high-quality permanent sub-construction. Through its easy and fast installation process, **Flex Panel Basic** provides the perfect substructure for PVC, linoleum and PU coatings. A wide range of thicknesses and characteristics are available making Flex Panel Basic suitable for all venues.





Flex Panel 27/30/33/36 Foam mats, flat



Flex Panel 38/38XL Foam mats, nub pattern

 Top Layer
 birch special plywood according

 with EN 13986- EN 636-2S

 Flex Panel 22 / 22 XL:
 12 mm

 Flex Panel 27 / 27 XL:
 15 mm

 Flex Panel 30 / 30 XL:
 15 mm

 Flex Panel 33 / 33 XL:
 18 mm

 Flex Panel 36:
 18 mm

 Flex Panel 38 / 38 XL:
 18 mm

Interlayer PE foil, loose-lay installation

Elastic Layer

Composite foam, loose-lay installation Flex Panel 22 / 22 XL: 10 mm Flex Panel 27 / 27 XL: 12 mm Flex Panel 30 / 30 XL: 15 mm Flex Panel 33 / 33 XL: 15 mm Flex Panel 36: 18 mm Flex Panel 38 / 38 XL: 20 mm

Module Size

L 2467 x W 590 mm (1,45 m² per module) L 2467 x W 1217 mm (3,00 m² per module) (XL-version)

Thickness

 Flex Panel 22 / 22 XL:
 ca. 22 mm

 Flex Panel 27 / 27 XL:
 ca. 27 mm

 Flex Panel 30 / 30 XL:
 ca. 30 mm

 Flex Panel 33 / 33 XL:
 ca. 33 mm

 Flex Panel 36:
 ca. 36 mm

 Flex Panel 38 / 38 XL:
 ca. 38 mm



SPEED-LOCK[®] www.speed-lock.com

manufactured by HOLZ SPECKMANN Germany

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