

# UNOBAT 53-68-80

A multifunctional series of  
Junckers sports floors

  
**JUNCKERS**  
Performing on Danish design

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# JUNCKERS SPORTS FLOORING

## UNOBAT 53-68-80

This multifunctional series of sports floors represents the next generation of BluBat 52-67-79. The blue sports foam has been replaced with a new recycled sports foam, with significantly improved performance.

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The UnoBat family is a single layer batten-based system that offers thickness flexibility when matching existing slab recesses.

UnoBat battens offer a good value price point and are designed for use over flat subfloors.

The 22mm 2-strip solid hardwood floorboards are fastened to a resilient subfloor system consisting of single layer engineered battens mounted a continuous layer of shock absorbing foam.

The available batten thicknesses are 31mm, 46mm and 58mm, incl. foam.

# MULTIFUNCTIONAL FLOORS - MULTIPLE OPPORTUNITIES

## USE IT FOR

- All types of sport
- Multi-functional sports halls
- From small leisure centres to large arenas
- Refurbishment



## NEW RECYCLED SPORT FOAM

- The foam is bonded PU-foam based on recycled post-consumer materials, granulated, steamed and sterilized.
- The foam has excellent mechanical properties adding high shock absorption to the sports floor systems.



# FACTS

UNOBAT 53-68-80	
Performance	UnoBat 53 (cc 336): EN 14904 class A4 & FIBA level 1 UnoBat 53 (cc 411): EN 14904 class A4 UnoBat 68 (cc 336): EN 14904 class A4 & FIBA level 1 UnoBat 68 (cc 411): EN 14904 class A4 UnoBat 80 (cc 336): EN 14904 class A3 UnoBat 80 (cc 411): EN 14904 class A3
Use	All types of sport Multi-functional sports halls From small leisure centres to large arenas Refurbishment
Floorboard type	Prefinished 22 mm 2-strip solid hardwood parquet
Subconstruction	Single layer batten system
Required subfloor	Even / Flat
Construction height	Choice between 53 mm, 68 mm, 80 mm
Batten centre (c/c)	336mm 411mm
Sanding and re-sealing	Yes, to bare wood 8-10 times
Suitable for underfloor heating	Yes

## JUNCKERS SPORTS PARTNERS



### FIBA International Basketball Federation

For many years Junckers has been partners with FIBA, and all Junckers sports floor systems are accredited by FIBA for competition in level 1,2 and 3



International  
Handball  
Federation

### IHF International Handball Federation

A selected range of Junckers Sports floor solutions are accredited by IHF.



### WSF World Squash Federation

Junckers SylvaSquash floor boards are accredited by England Squash, SRA and WSF.

# TEST RESULTS

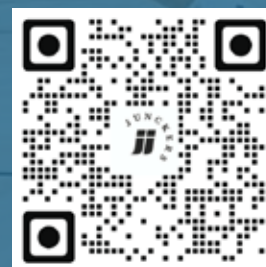
UNOBAT 53	Requirements EN 14904:A4	Requirements EN 14904:A3	Batten distance c/c 411 mm	Batten distance c/c 336 mm
Shock absorption	≥ 55 < 75 %	≥ 40 < 55 %	61 %	58 %
Vertical deformation	≥ 2.3 mm < 5.0 mm	≥ 1.8 < 3.5 mm	2.9 mm	2.5 mm
Ball bounce	≥ 90 %	≥ 90 %	92 %	94 %
Friction	≥ 80 ≤ 110	≥ 80 ≤ 110	99	99
Rolling Load	≥ 1500 N	≥ 1500 N	3000 N <sup>1</sup>	3500 N <sup>1</sup>
Point load	None	None	5000 N ~ 500 kgs <sup>2</sup>	5500 N ~ 550 kgs <sup>2</sup>

UNOBAT 68	Requirements EN 14904:A4	Requirements EN 14904:A3	Batten distance c/c 411 mm	Batten distance c/c 336 mm
Shock absorption	≥ 55 < 75 %	≥ 40 < 55 %	61 %	59 %
Vertical deformation	≥ 2.3 mm < 5.0 mm	≥ 1.8 < 3.5 mm	2.8 mm	2.4 mm
Ball bounce	≥ 90 %	≥ 90 %	93 %	93 %
Friction	≥ 80 ≤ 110	≥ 80 ≤ 110	99	99
Rolling Load	≥ 1500 N	≥ 1500 N	3000 N <sup>1</sup>	3500 N <sup>1</sup>
Point load	None	None	5000 N ~ 500 kgs <sup>2</sup>	5500 N ~ 550 kgs <sup>2</sup>

UNOBAT 80	Requirements EN 14904:A4	Requirements EN 14904:A3	Batten distance c/c 411 mm	Batten distance c/c 336 mm
Shock absorption	≥ 55 < 75 %	≥ 40 < 55 %	57 %	55 %
Vertical deformation	≥ 2.3 mm < 5.0 mm	≥ 1.8 < 3.5 mm	2.1 mm	2.0 mm
Ball bounce	≥ 90 %	≥ 90 %	95 %	95 %
Friction	≥ 80 ≤ 110	≥ 80 ≤ 110	99	99
Rolling Load	≥ 1500 N	≥ 1500 N	3000 N <sup>1</sup>	3500 N <sup>1</sup>
Point load	None	None	5000 N ~ 600 kgs <sup>2</sup>	5500 N ~ 550 kgs <sup>2</sup>



SCAN TO FIND  
INSTALLATION  
VIDEO



# A WORLD OF SURFACES

## VARIOUS WOOD SPECIES, GRADINGS AND SURFACE TREATMENTS

A Junckers sports floor is made from 100% solid hardwood and will last for generations. Each floor board is made from two rows of staves and is tongue and groove jointed all round. Junckers floors are extremely stable and durable and we take far longer than normal over the timber drying process, and this ensures a unique indentation resistance and strength while at the same time the movements occurring naturally in the timber are fully controlled and kept to a minimum. Therefore, a Junckers sports floor causes no challenges when humidity levels change through the year.

Our floors are ready to use as soon as they are fitted. This is because Junckers floors are sealed in the factory with our own produced hard wearing polyurethane lacquer. Many of Junckers solid hardwood sports floors have the Danish Indoor Climate Certificate for low emissions of organic substances and can be delivered with either a FSC® or PEFC accreditation.

**We guarantee fast and easy installation. Each floor board has a length of 3700mm and covers approx. 0.5 m<sup>2</sup>.**

### BEECH

**Thickness:** 22 mm

**Width:** 129 mm

**Surface:** Ultra matt and silk matt lacquer

A floorboard with a uniform structure, featuring white to reddish heartwood and a red-brown grain pattern. This classic flooring is ideal for various sports and dance activities.

### BEECH SYLVAKET

**Thickness:** 22 mm

**Width:** 129 mm

**Surface:** Ultra matt and silk matt lacquer

Beech's excellent tensile strength and uniform structure make it ideal for all types of sports and dance activities. Using a unique coloring technique, the wood is imbued with a warm golden glow.

### MAPLE

**Thickness:** 22 mm

**Width:** 129 mm

**Surface:** Ultra matt and silk matt lacquer

Maple is a hardwood species known for its uniform grain structure, natural light color, and durability. This makes it highly suitable for all types of sports and dance activities.

### ASH

**Thickness:** 22 mm

**Width:** 129 mm

**Surface:** Ultra matt and silk matt lacquer

Ash's excellent strength properties, elegant light appearance, and characteristic dark grain pattern create a durable floor that is ideal for all types of sports activities.



# LINEMARKING PAINT

ONLY IMAGINATION SETS A LIMIT

A sports floor does not come alive until it has been given the colour and excitement of the sports that are played on it. Painted sports lines help to achieve this, and the clubs own logo adds unique personal style to the floor and adds to the audiences experience.

For this purpose Junckers manufactures its own range of line marking paints. Junckers HP SportsLine is tested and approved according to the European sport standard EN 14904. It is very hard-wearing and available in white, red, green, blue, yellow and black.

The colours can be mixed to create other colour shades, and for big events, such as FIBA Basketball World Cup 2023 and Eurobasket 2022, Junckers has developed several colours to match exactly the colour palette for this competition.



RAL-1021 YELLOW

RAL-3027 RED

RAL-5005 BLUE

RAL-6029 GREEN

RAL-9005 BLACK

RAL-9001 WHITE

NORDIC



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