

# QUALITY OF MANUFACTURE

Engineered vs  
solid hardwood sports floors



**JUNCKERS**

Performing on Danish design

[JUNCKERS.CO.UK](http://JUNCKERS.CO.UK)



# ENGINEERED VS SOLID HARDWOOD SPORTS FLOORS

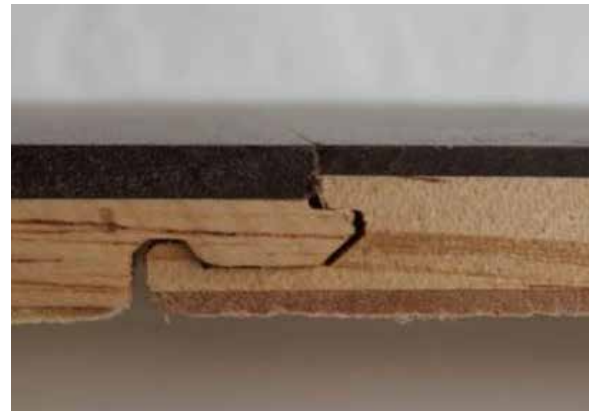
INSIDE EVERY JUNCKERS SYLVASPORT FLOOR IS A DOUBLE DOVETAILED JOINT.

## ENGINEERED FLOORS



### ENGINEERED WOOD FLOOR

- Top wear layer showing delamination
- Failure of lamella blockboard core



### ENGINEERED WOOD FLOOR CONSTRUCTION

- Poor quality machining of engineered board resulting in differing thickness of hardwood top layer.
- Lamella blockboard core- low strength wood liable to adhesion failure
- Thin top wear layer

## SOLID HARDWOOD FLOORS



### JUNCKERS SYLVASPORT FLOOR

- Junckers solid Beech sports floors are guaranteed for use with retractable seating systems
- No veneer, layers or glue bonds which can fail
- Retains A3 or A4 performance under EN 14904
- Superior structural strength, proven by independent testing



### SYLVASPORT SOLID WOOD FLOOR CONSTRUCTION

- Junckers Dovetail- unaffected by floor sanding
- Unique Press dried solid hardwood Beech and Maple
- Life span in excess of 60 years achievable

# JUNCKERS FEATURES AND BENEFITS

## 1. JUNCKERS DOVETAIL: FOR STRENGTH

Inside every Junckers 2-strip floor is a double dovetail joint. It is perhaps too well made to be hidden on the inside! This feature has remained part of Junckers identity since the beginning. This gives the Junckers board:

- **Strength:** Accurate machining and a tight joint, making a very strong board, less likely to become damaged.
- **Multi-Purpose versatility:** Junckers SylvaSport floor will withstand higher loads, providing options for retractable seating, stage systems, exhibitions, concerts, trade shows etc.
- **Longevity and Integrity:** Junckers double dovetail will always remain fully intact and just as strong even after the floor has been sanded numerous times.

### Engineered Sports Floors:

#### A Limited Lifetime and Strength

Under high loads or repeated impact the core layers of some engineered or multi layered boards will break down. This means that it may fail the shock absorption and deflection criteria for sprung floors (EN 14904).

## 2. PRESS DRIED BEECH OR MAPLE: FOR STABILITY

All Junckers SylvaSport Beech and Maple solid hardwood floors are press dried. Junckers developed this unique process in the 1950's and no other manufacturer can claim, like-for-like, their boards are as stable as a Junckers floor. Press drying gives you:

- **Improved dimensional stability:** Reduced seasonal expansion and shrinkage
- **Improved hardness:** Press drying permanently "compresses" the wood.
- **Improved structural strength: Simply;** a stronger floor which will take higher loads. *Some suppliers offer oak but this has 30% less structural strength than press dried beech and so is not recommended by Junckers for dedicated sports floors.*

Press drying gives Junckers complete control of the drying process resulting in a consistent and stable floor.

## 3. JUNCKERS MANUFACTURES ITS OWN LACQUERS

The surface finish of a sports floor can be one of the most difficult things for customers to assess. Junckers ensures that only the toughest, most flexible and hardwearing lacquers are used.

**Factory Applied Finish:** Junckers use a multi-coating process using two different types of lacquer:

- UV polyurethane base coats followed by top coats of Junckers own tough and flexible 2-pack polyurethane seal.
- The final coats are applied by "curtain coating" which ensures a thick protective layer and a smooth even "furniture finish" ... so different from the unattractive rippled and textured surface from the UV coating process used on lower quality products.

### Maintenance Scrub & Seal:

The client can also obtain the best Junckers lacquers with which to maintain their floor during its life.

## DANISH MANUFACTURERS ARE WORLD FAMOUS FOR THE HIGH QUALITY OF THEIR TIMBER AND FURNITURE PRODUCTS.

Danish design epitomises quality and style and Junckers is part of this heritage. Any Junckers customer will agree that their floor is beautifully machined and finished.

- **Ease of installation:** Junckers is the preferred choice of flooring contractors for sports and activity halls. High quality materials make their job easier and make a better outcome for the client
- **Quality of Installation:** Installer will not need to make time consuming adjustments in an effort to disguise the effects of inaccurate machining.
- **Timeliness of Installation:** Installer hands over the floor on time and client is delighted with the result.



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