



# Actiflex



*-part of the game!*



# Actiflex Stadium

*- Sports floors for an active lifestyle*



Sport has something to offer everyone and gives a deep feeling of accomplishment for both beginners and advanced athletes of all ages. It doesn't matter what the activity or how fast or slow you are, the benefits of an active and healthy lifestyle are available to everyone.

More and more sport takes place indoors and the floor is the basis for all of these activities. When your foot hits the floor, it gets a jolt of high impact shock that can damage joints, ligaments, tendons and soft tissue. A good sports floor with proper shock absorption characteristics contributes to minimise the risk of injuries.

BOEN Sport has produced sports floor systems for more than 50 years and these are well known amongst professionals around the world. They are used by fitness chains in Europe like Sats, Elixia, Spent and Nautilus and BOEN Sport is the preferred supplier to Gold's Gym in the United States and in Norway.

## **Shock absorption**

Actiflex is an area elastic sports floor where the boards are installed on top of a shock absorption foam. It can be installed on an even, sound and self supporting subfloor or an existing floor giving a finished floor height of 29mm. It has been tested in accordance to the demands of EN14904 and Actiflex meets the requirements of all five test elements and achieves the highest Type A4 classification.

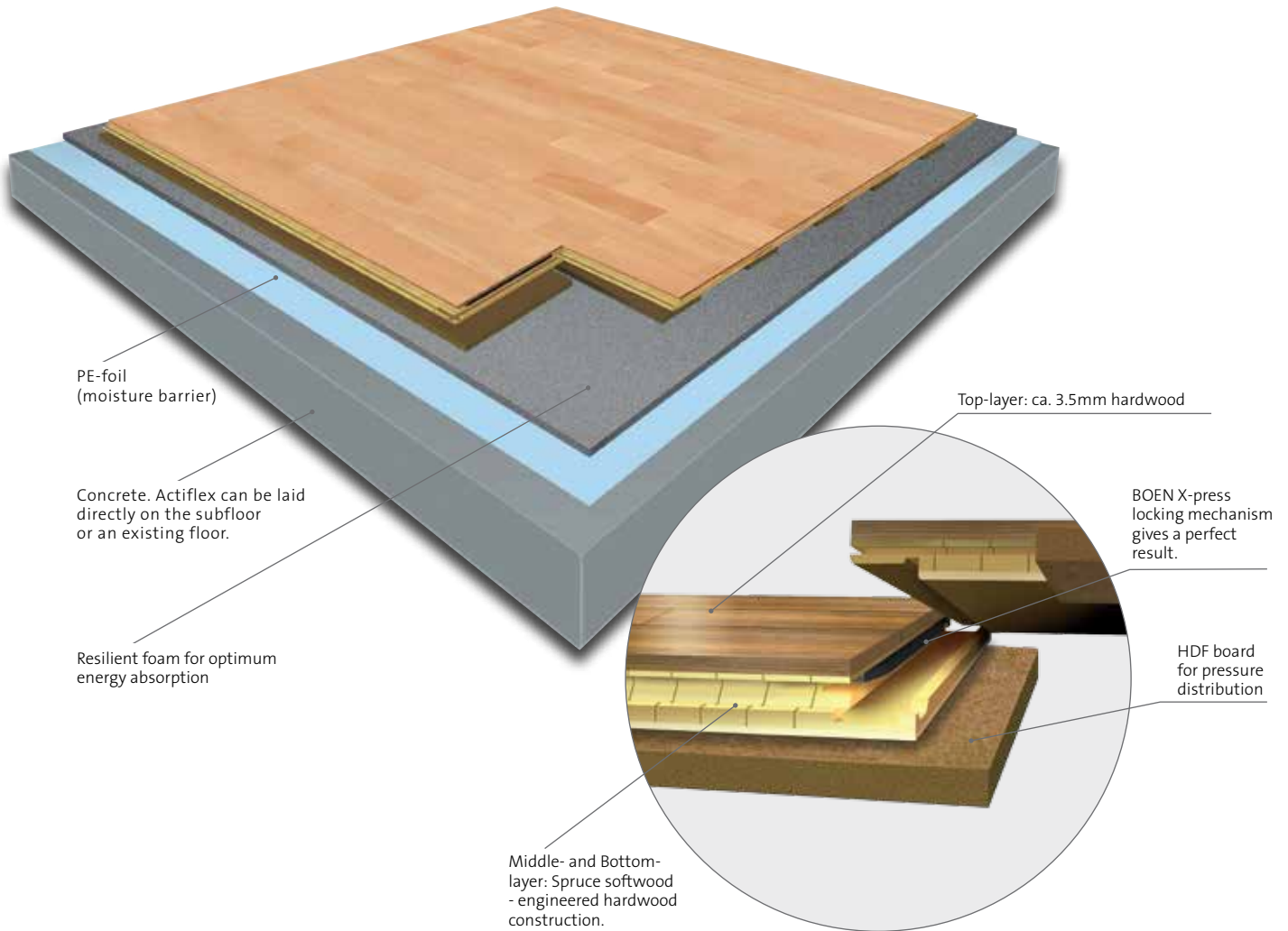
## **Secure installation with BOEN X-press**

The BOEN X-press locking technology ensures a fast and secure installation due to the use of a flexible profile in the short end joint of the board. When pressing the board down into position the flexible profile locks into place in a single movement with a positive click.

The 5G technology used for the BOEN X-press is the most advanced type of vertical locking system on the market.

## **Faster and easier**

No special tools or glue are necessary when laying Actiflex. This enhances fast installation and allows for temporary and flexible use. Actiflex can easily be dismantled again.



**Suitable for projects up to 300m<sup>2</sup>**  
**Construction height = 29mm**

PERFORMANCE ACCORDING TO EN14904	SHOCK ABSORPTION <sup>1)</sup>	DEFOR-MATION <sup>2)</sup>	FRICTION <sup>3)</sup>	BALL BOUNCE <sup>4)</sup>	ROLLING LOAD <sup>5)</sup>	
		<b>Type 4:</b> ≥ 55 % ≤ 75 %	<b>Type 4:</b> ≥ 2.3mm ≤ 5mm	80-110%	≥ 90%	Min. 1500N
<b>Actiflex</b>	STADIUM	<b>61%</b>	<b>3.8mm</b>	<b>85%</b>	<b>95%</b>	<b>OK</b>

Tests carried out by ISA Sport Nordic, Norway.

<sup>1</sup> The ability of the sports floor to absorb pressure. EN 14904 divides into two groups of area-elastic floors.

<sup>2</sup> A given test-load is dropped from a given height. The vertical deformation shall not exceed 3.5mm for Type 3 floors and 5mm for Type 4 area-elastic sports floors.

<sup>3</sup> Adapted friction shall provide the athlete from uncontrolled sliding. This requirement is a compromise adjusted to several sports. Low friction co-efficiency = slippery floor. NB! Test carried out with BonaSportive Finish.

<sup>4</sup> Ball bounce indicates how high a basketball rebounds on an areaelastic floor when dropped from a given height (concrete=100%).

<sup>5</sup> Resistance to rolling loads (e.g. heavy transporters, portable goals, mobile grandstands, etc.) shall be minimum 1500 N.



Under-structure with HDF board.

Length: 2200mm  
 Width: 209mm  
 m<sup>2</sup>/board: 0.46m<sup>2</sup>  
 Boards/bundle: 4  
 m<sup>2</sup>/bundle: 1.84m<sup>2</sup>  
 Bundles/pallet: 40  
 m<sup>2</sup>/pallet: 73.60m<sup>2</sup>  
 Weight/pallet: 793.60 kg



**BOEN**  
SPORT

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

**The environment is at the core of all we do**

BOEN flooring is a product of nature and as a procurer of timber BOEN has an important heritage to maintain. That is why we promote an open and ongoing co-operation with environmental authorities and organisations. The raw materials used come from forest areas which are well managed with a high degree of reforestation.

Above this, the BOEN factories have implemented a chain-of-custody system in accordance with the standards of the FSC™ and are able to supply FSC-certified products. The Forest Stewardship Council™ is the best known forest certification scheme. BOEN FSC licence numbers are: BOEN UK FSC™ C047288, BOEN Norway FSC™ C051117, BOEN Germany FSC™ C101713, BOEN Lithuania FSC™ C021510, BOEN US FSC™ C095158. FSC – the mark of responsible forestry. [www.fsc.org](http://www.fsc.org)



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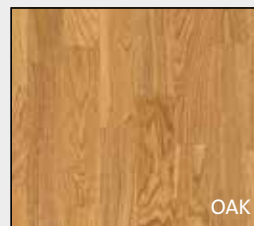
*A wooden floor, the basis for a natural and pleasant atmosphere*



ASH



MAPLE



OAK



BEECH

Other wood species and FSC certified products on request.

Wooden floors are low maintenance, environmentally friendly and create a natural and warm atmosphere.

**Made to be used**

BOEN Sport flooring will give excellent training conditions for many years. The surface is factory finished with 6 coats of UV-hardened lacquer. A further coat of Bona Sportive finish applied after installation is recommended.

Regular maintenance using Bona Sportive maintenance products will ensure optimum performance and a long life for your sports floor.

**International success**

BOEN Sport has become one of the leading producers and suppliers of hardwood sports floors in the world, focusing on intelligent solutions using a natural wood surface layer. BOEN Sport offers subfloor systems for other top-layers such as linoleum, PVC and PU.

BOEN Sport has certified distributors all over Europe, Asia and the USA. Contact us for more information.