

**CONICA**<sup>®</sup>

SPORTS FLOORING

# CONIPUR *KF*

Mixed-elastic sports floor for sports halls

# CONIPUR *KF*

CONIPUR *KF* is a **mixed-elastic** sports floor, in which the point-elastic coating is provided with a area-reinforcing hard matrix. If there is a punctiform load on its surface, a somewhat larger deformation depression forms than with a point-elastic floor.

This improves its characteristics with regard to stability and sliding behavior, ball reflection and navigability with sport equipment. It distinguishes itself with high force reduction.

CONIPUR sealing lacquer

CONIPUR coating

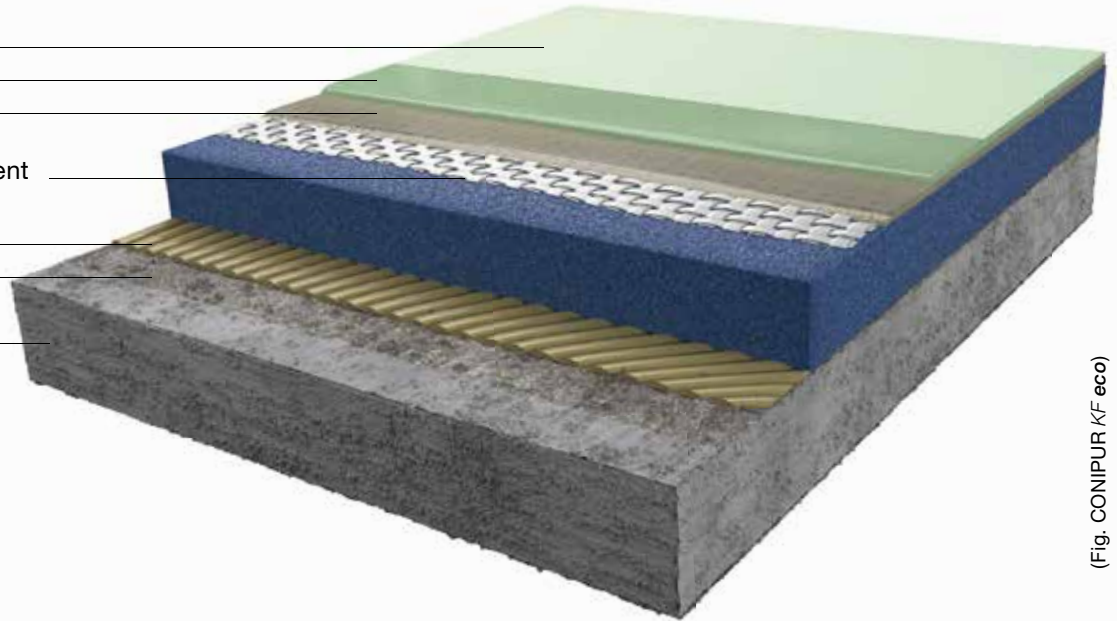
CONIPUR hard matrix

Polyolefin foam mat with fiber glass reinforcement

CONIPUR adhesive

CONIPUR primer

Concrete



(Fig. CONIPUR *KF eco*)

## System variations



CONIPUR *KF eco*  
The functional option.

The combination of high functionality and optimal price-performance ratio makes CONIPUR *KF eco* the perfect sports floor for almost all areas of application.



CONIPUR *KF pure*  
The pure option.

With its low-emission properties, CONIPUR *KF pure* reduces the load of ambient air and promotes the protection of health.



CONIPUR *KF protect+*  
The safe option.

In addition to its low-emission properties, CONIPUR *KF protect+* offers optimum flame retardancy and guarantees the highest safety and the protection of health.

# Technical Parameters

M4

CONIPUR *KF*  
10+2+2 mm

- Rolling load: 1,500 N
- Ball rebound: 97%
- Sliding behavior: 96
- Shock absorption: 53 %
- Standard deformation: 3.0 mm
- Wear: 32 mg
- Impact resistance: 15 Nm
- Residual impression: 0.12 mm
- Fire class: E<sub>fl</sub>
- PCP: E1
- Formaldehyde: E1

## Protective function

In terms of sports function, the mixed-elastic surface type resembles the point-elastic system. Regarding its protective function, this means that impact forces are absorbed quickly in case of falls. With its area-reinforcing PUR hard matrix, this surface type also provides high stability to athletes, which minimizes the risk of injury.

## Suitability

- **Target groups:**  
Adults, children and adolescents
- **Sports:**  
Ball games, particularly handball, volleyball, basketball, soccer, badminton, gymnastics. Multipurpose use possible.



- Tested according to **EN 14904** and **DIN 18032-2**.
- Classified according to **EN 13501-1** (fire classification).
- Emission testing according to **AgBB**.
- Certified by major **international sports associations**.



## Polyurethane – the high-performance plastic!

Polyurethane is the essential element for all sports floor systems of CONICA. Compared to other surface materials, this flexible plastic combines numerous advantages:

- All color variations are possible
- Smooth surface
- Low maintenance
- Positive ecological balance sheet
- Easy to be „retopped“ in case of renovation
- Adjustable mechanical properties (hardness, elasticity, stretch)

CONIPUR KF pure

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