

# CONIPUR *AE*

Area-elastic sports floor for sports halls

# CONIPUR AE

CONIPUR AE is an **area-elastic** sports floor with a bending-resistant surface. In case of punctiform load, it forms an extensive deformation depression significantly exceeding the size of the directly stressed area. Due to the rigid wooden matrix, navigability and the weight of sports equipment

that can be placed on it are virtually unlimited, as are the possibilities for multipurpose use. With this system the requirements for the evenness of the underlying floor are lower than with point-elastic and combined-elastic floors.

CONIPUR sealing lacquer

CONIPUR coating

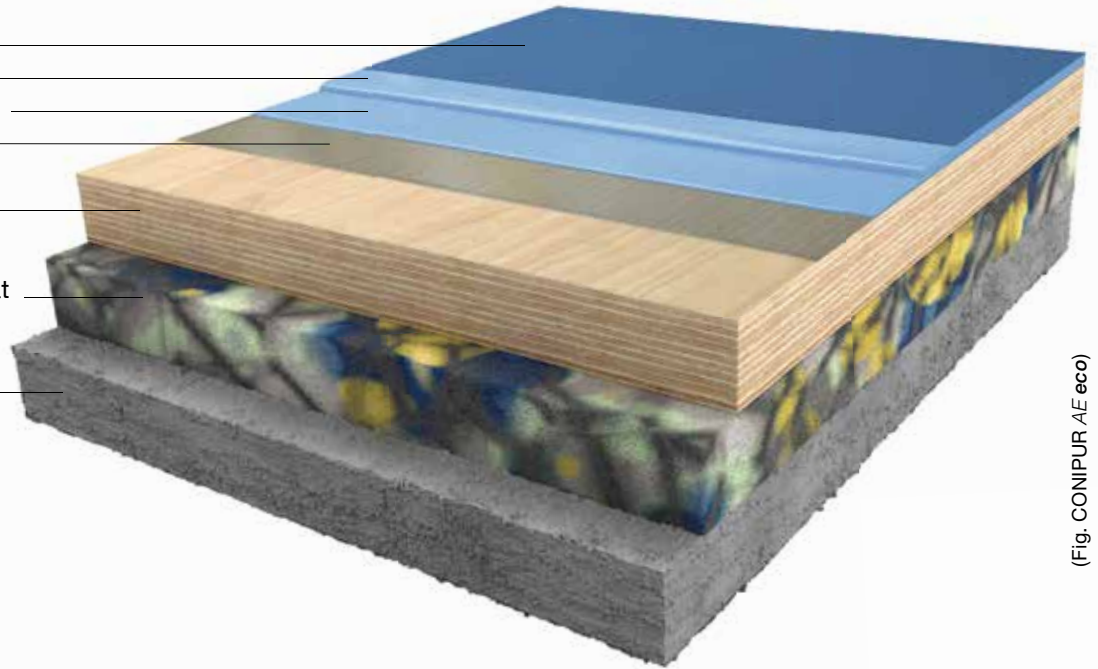
CONIPUR intermediate layer

CONIPUR pore sealer

Wooden matrix

Pre-fabricated PUR foam mat

Concrete



(Fig. CONIPUR AE eco)

## System variations



**CONIPUR AE eco**  
The functional option.

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



**CONIPUR AE pure**  
The pure option.

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



**CONIPUR AE protect+**  
The safe option.

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

# Technical Parameters

A4

CONIPUR AE  
30+2 mm

- Rolling load: 1,500 N
- Ball rebound: 97%
- Sliding behavior: 81

- Shock absorption: 55%
- Standard deformation: 3.3 mm
- Wear: 32 mg

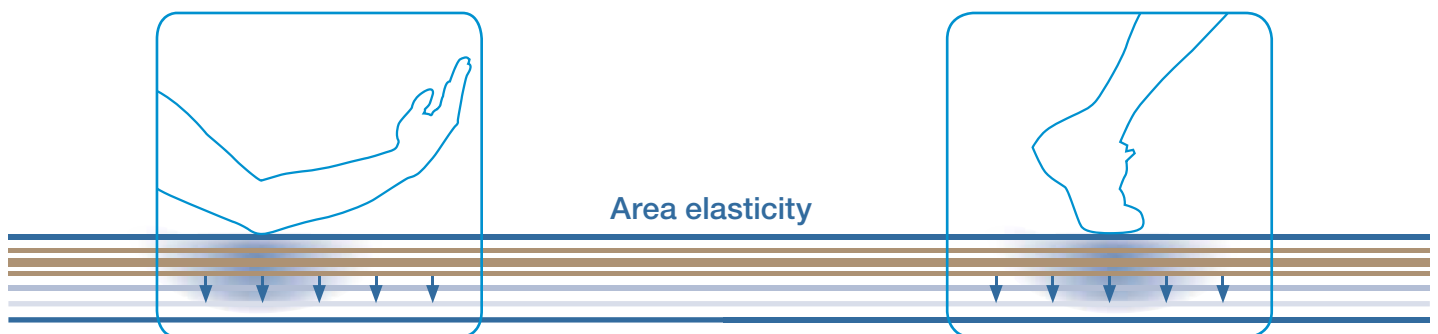
- Fire class: E<sub>fl</sub>
- PCP: E1
- Formaldehyde: E1

## Protective function

Since, for structural reasons, higher force-reduction values can be realized with area-elastic floors than with point-elastic floors, area-elastic floors are more joint-friendly, particularly for adults. Due to the area-reinforcing wood construction, this surface type promotes high stability for athletes, which also minimizes the risk of injury.

## Suitability

- **Target groups:**  
Adults
- **Sports:**  
Ball games, particularly handball, volleyball, basketball, soccer, badminton. Perfectly suited for roller hockey, dancing, aerobics, wheelchair sports and multi-purpose use.



- Tested according to **EN 14904**.
- Classified according to **EN 13501-1** (fire classification).
- Emission testing according to **AgBB**.



## 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 AE protect+

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