

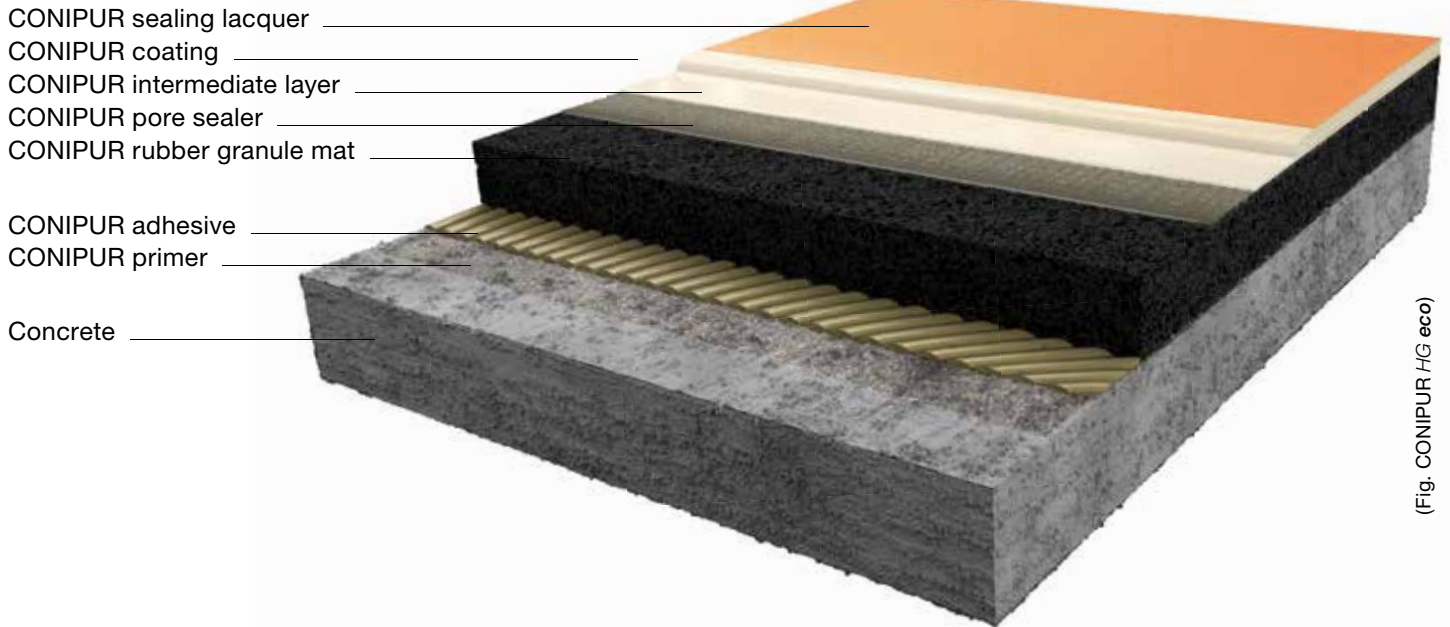
# CONIPUR *HG*

Point-elastic sports floor for sports halls

# CONIPUR HG

CONIPUR HG is **point-elastic** sports flooring system. Due to its flexible surface, in case of punctiform load, it forms a deformation depression that is adapted to the shape of the load. Moreover, the system is characterized by a low height.

In addition to numerous types of sports, CONIPUR HG is ideal for use in children's and youth sports and significantly reduces the risk of injury with its high force reduction.



## System variations



**CONIPUR HG eco**  
The functional option.

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



**CONIPUR HG pure**  
The pure option.

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



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

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



**CONIPUR HG flex**  
The flexible option.

Here the technical standard expresses itself primarily through resistance to high mechanical load. This makes CONIPUR HG flex extremely durable.



**CONIPUR HG sprint**  
The dynamic option.

For sports functional reasons CONIPUR HG sprint is resistant to the penetration of spikes due to the high resilience of the coating and outstanding mechanical properties.

# Technical Parameters

**P1**

CONIPUR HG  
6+2 mm

- Rolling load: 1,500 N
- Ball rebound: 99%
- Sliding behavior: 81
- Shock absorption: 28%
- Standard deformation: 0.9 mm
- Wear: 21 mg
- Impact resistance: 12 Nm
- Residual impression: 0.29 mm
- Fire class: E<sub>fl</sub>
- PCP: E1
- Formaldehyde: E1

**P2**

CONIPUR HG  
8+2 mm

- Rolling load: 1,500 N
- Ball rebound: 99%
- Sliding behavior: 81
- Shock absorption: 35%
- Standard deformation: 1.1 mm
- Wear: 26 mg
- Impact resistance: 11 Nm
- Residual impression: 0.38 mm
- Fire class: E<sub>fl</sub>
- PCP: E1
- Formaldehyde: E1

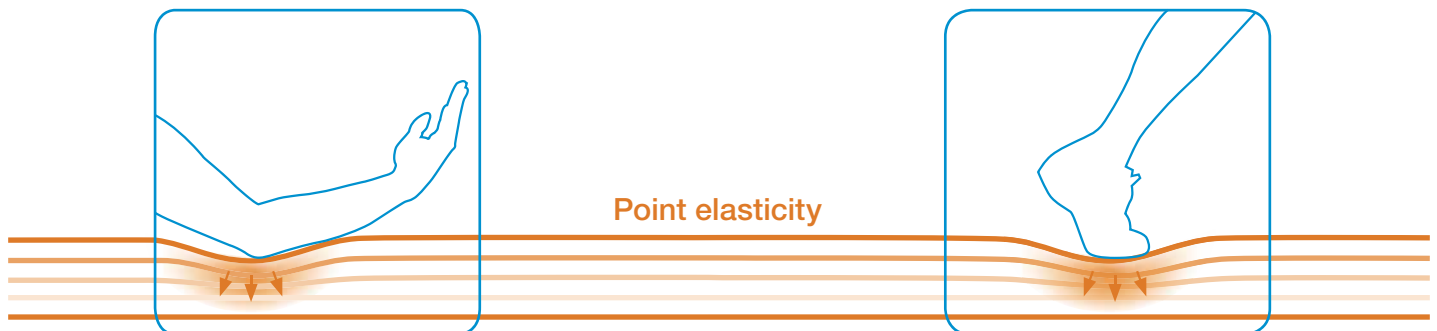
**P3**

CONIPUR HG  
12+2 mm

- Rolling load: 1,500 N
- Ball rebound: 99%
- Sliding behavior: 81
- Shock absorption: 45%
- Standard deformation: 2.8 mm
- Wear: 32 mg
- Impact resistance: 13 Nm
- Residual impression: 0.22 mm
- Fire class: E<sub>fl</sub>
- PCP: E1
- Formaldehyde: E1

## Protective function

The floor immediately offsets the impact forces like a shock absorber – this reduces the risk of injury. This effect is crucial, particularly for people with low body weight (children). The properties of the surface also reduce the stress on joints.



## Suitability

- **Target groups:** Everyone, particularly children and young people
- **Sports:** Ball games, particularly handball, volleyball, basketball, soccer. Badminton, gymnastics, fighting sports. Multi-purpose 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)

CONIPLUS HG eco

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