

CONIPUR HG *protect+* FULL PUR

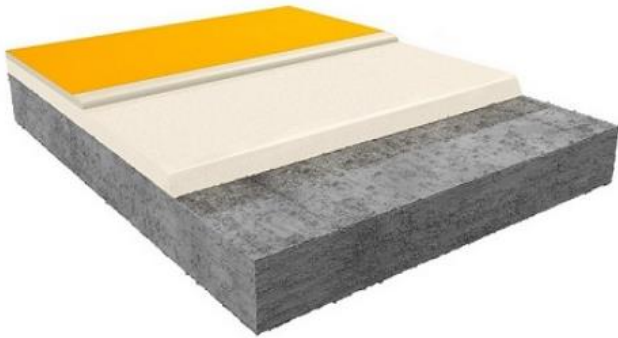
Point Elastic, Flame Retardant, Low Emission Indoor Sports Surfacing System with 100% liquid PU elastic layer - corresponds to the strict requirements of the TÜV PROFiCERT-product Interior

Fields of application school sports halls, gymnastics rooms – ideal for children and adolescents

System data

		product	consumption	application	remarks
Primer	for concrete in two layers	CONIPUR 3710	0.3 – 0.5 kg/m ²	rubber trowel	A surface pre-treatment by light shot blasting or surface-removing grinding (including after-treatment) is absolutely necessary. For concrete with residual moisture above 4%, CONIPUR 3785 must be used as primer.
		second layer	0.2 – 0.4 kg/m ²		
		The second layer is necessary to ensure complete filling of pores and capillaries. The second fresh applied layer must be sprinkled with approx. 1.0 kg/m ² of fire-dried quartz sand (0.3-0.8 mm).			
Elastic layer		CONIPUR 3335	4.5 kg/m ² for a thickness of 6 mm	pin squeegee	This corresponds to a consumption of about 0.75 kg/m² per mm layer thickness; for 7 mm about 5.25 kg/m ² are needed, etc. up to a maximum of 9 mm.
Coating	wear layer	CONIPUR 3380 FL	2.6 kg/m ² = 2 mm 3.9 kg/m ² = 3 mm thickness	notched squeegee	No pore sealer needed. For a higher thickness of the coating layer the consumption can be adjusted accordingly.
Sealing lacquer		CONIPUR 3202 W CONIPUR 3210 W CONIPUR 3202 W AB CONIPUR 3210 W AB	0.13 – 0.15 kg/m ²	paint roller	Critical colours regarding coverage must be applied repeatedly until opacity is achieved - Critical colours regarding discolouring must be fixed with a transparent sealing lacquer. CONIPUR 3210 W with even lower emission.
		The alternative top coats reduce the spread of germs over the floor and do not provide a breeding ground for microorganisms.			
Line Paint		CONIPUR 3100	15 g/m	paint roller / paint brush	Critical colours regarding coverage must be applied twice.

Total thickness of the system x + 2 mm, x = thickness of the elastic layer CONIPUR 3335, limited to ≤ 9mm



Preparation

Substrates to be coated have to be firm, dry and load bearing, free of loose and brittle particles and substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants.

A concrete sub-base must contain a moisture barrier (damp proof membrane **D.P.M.**). The **residual moisture** of the subbase must not exceed **4 %**. The tear resistance of the substrate must be at least **1.0 N/mm²**.

The **temperature** of the **substrate** must be at least **3 °C** above the current dew point temperature.

The optimal **temperature** of the **material** before and during application is between **15** and **25 °C**.

Concerning the flatness of the subfloor, we refer to the DIN 18202, 2005-10 Table 3, line 4.

Application

Apply primer **CONIPUR 3710** on the **pre-treated concrete** substrate using a rubber trowel, the consumption is approximately **0.3 - 0.5 kg/m²**. After waiting for approximately 10 minutes finish with a roller.

A **second** layer with **0.2 - 0.4 kg/m²** **CONIPUR 3710** is **necessary** to ensure complete filling of pores and capillaries. The second layer has to be **sprinkled** while till wet with approx. **1.0 kg/m²** fire-dried **quartz** sand.

On this surface, **CONIPUR 3335** is applied with a **pin squeegee**. The consumption is approx. **0.75 kg/m²** per mm of layer thickness. Accordingly, approx. **3.0 kg/m²** are required for 4 mm, **4.5 kg/m²** for 6 mm, etc.

The squeegee should have **1 - 2 mm higher pins** than the desired layer thickness (**2 mm** for smooth surfaces, **1 mm** higher for rough surfaces).



After overnight cure **CONIPUR 3380 FL** is applied using a **notched squeegee**.

Seal the surface with **CONIPUR 3202 W** or **CONIPUR 3210 W** (or the **AB** alternatives) using a micro fibre roller (tuft size **10 - 12 mm**), rolling out well to eliminate roller marks.

Keep the **overlap areas** to a **minimum**.

It is necessary to **re-roll** freshly applied material with a second clean paint roller in order to obtain a uniform surface with a minimum of overlap marks.

The sports floor reaches its **final hardness** after **7 days** and must not be mechanically stressed before.

Remarks

For further information, please refer to the technical data sheets of the products or contact our Technical Service.

For application conditions please see our *“General Application Guidelines for Sports Systems Indoor and Outdoor”*.



CE-Label:
see Declaration of Performance