



SafetyPlay Pro® PU SBR Cushion System

SOFT FALL FLOORING PU SYSTEM SHEET

5 YEAR DURABILITY



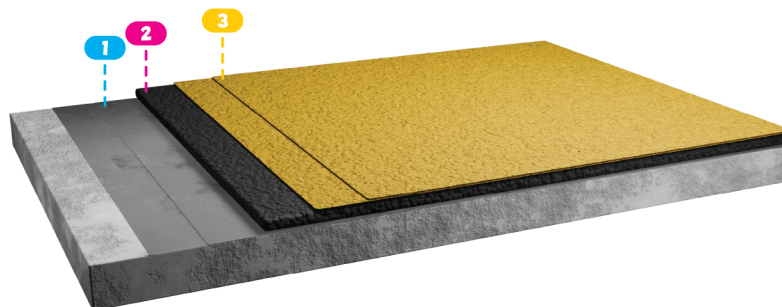
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SafetyPlay Pro® PU SBR Cushion

A SBR, ELASTIC, CUSHIONED,
WET-POUR RUBBER FLOORING
SYSTEM WITH A COLOURED TOPCOAT.

A **SBR cushion** system designed for **quick, easy** playground flooring while delivering **good joint comfort & cushioning**. It combines a **primer** for strong adhesion, a black **SBR base layer** for comfort underfoot & fatigue resistance, a colour **PU topcoat layer** that enables playful **multicolour** designs & patterns & provides **UV protection, extended durability & long-lasting colour stability**.

Suitable on compacted gravel, cement or asphalt surfaces.



APPLICATION STEPS:

1 Primer Layer

Before priming the surface must be properly prepared. Always consult for a detailed specification.

SURFACE PREPARATION GUIDE:

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Oil can be removed using **Hydrosolve Degreaser**.
- Fungal growth or algae can be removed using **Fungicidal Wash**.
- Laitance and loose particles must be removed thoroughly (i.e., grinding/high pressure cleaning).
- Moisture content of concrete surfaces should not exceed 4%.
- Surfaces must be mechanically abraded and free of dust prior to application.

Apply 1K PU Primer

• Improves adhesion

Apply primer to properly prepared substrate using a brush, roller or airless sprayer.

The primer must be applied in 2 layers. Adhere to proper drying times between coats & before overcoating.

2 Base Layer

Mix SafetyPlay Pro® SBR Rubber Granules (2.0 - 5.0 mm) + SafetyPlay Pro® PU SF Binder 1K for SBR

• Provides cushioning & joint support

Mix products well & pour onto the properly dried **Primer Layer**.

Spread & level using a rake & straight edge, then smooth with a flat metal trowel or heat trowel/paver/roller.

Compact the layer with a cylinder roller for a smooth, uniform finish.

3 Finish Layer

Apply SafetyPlay Pro® PU SB Matt (GU 5-10) Topcoat

• Adds colour, Matt finish and mechanical & abrasion resistance

Apply the clear/coloured topcoat onto the properly cured **Wear Layer** using an airless sprayer or short haired mohair roller.

The topcoat must be applied in 2 layers. Adhere to proper drying times between coats.

Layers	Products	Consumption
1 : Primer	1K PU Primer A transparent blue, one component, solvent based, moisture curing polyurethane primer.	0.28 - 0.35 lt/m ² for 2 layers
2 : Base	SafetyPlay Pro® SBR Rubber Granules (2.0 - 5.0 mm) Black, styrene-butadiene recycled rubber granule with a good balance of softness & durability	6 kg/m ² for 10mm mixture
	SafetyPlay Pro® PU SF Binder 1K for SBR A one component, solvent free, polyurethane binder for SBR (15% by weight).	1.2 kg/m ² for 10mm mixture
3 : Finish	SafetyPlay Pro® PU SB Matt (GU 5-10) Topcoat Matt colour/clear, solvent based, highly flexible & UV resistant protective polyurethane topcoat	0.3 kg/m ² for 2 layers

