

PIP Rubber Safety Surfacing

Installation Process Overview

Playpave's Poured-in-Place (PIP) system is a seamless, two-layer rubber surface — an SBR impact cushion base and a colored EPDM wear layer — bound with a moisture-cured polyurethane binder. Every installation is completed by Playpave LLC or a Playpave-certified installer, following the process below from site prep through final inspection.

1 Site Assessment & Scheduling

Confirm substrate type (concrete, asphalt, or compacted stone), site access, and drainage. Installation is scheduled around weather — work does not proceed in rain or unsuitable conditions.

2 Base Construction

Owner/GC prepares the sub-base per Playpave guidelines:

- Minimum 2% slope for drainage
- Granular base: 4–6" at 95% compaction, with geotextile fabric (20 cm overlap)
- Concrete cure: 30 days | Asphalt cure: 21 days before install

3 Surface Preparation & Priming

Substrate is scarified or etched as needed, then a urethane primer is applied at 200–250 sq ft/gal immediately prior to rubber installation.

4 SBR Impact Cushion Layer

SBR rubber is mixed on-site at a 16% binder ratio and troweled to the depth required for the site's Critical Fall Height (CFH) rating — minimum 1" thickness. Cured 24 hours before topcoat.

5 EPDM Wear Layer

Colored EPDM granules are mixed at a 22% binder ratio and troweled to a finished thickness of ½"–1" per spec, with seams overlapped a minimum of 1.5". Cure time: 24–72 hours.

6 Site Security & Cure Protection

Owner/GC is responsible for overnight site security during cure; optional fencing is available through Playpave. The site is left clean and free of debris.

7 Final Inspection & Acceptance

Final inspection confirms compliance with all specifications and ASTM standards, followed by submission of compliance documentation. A 5-year warranty begins at Substantial Completion.

KEY STANDARDS MET

Impact Attenuation	ASTM F1292 / CPSC
Accessibility	ASTM F1951
Slip Resistance	ASTM E303
Tensile Strength	ASTM D412 (min 80 PSI)
Solar Reflective Index	ASTM C1959 / E903

ONGOING MAINTENANCE

Warranty Term	5 years
Playpave Sealer	Every 3 years
Surface Care	Keep clean, free of debris
Warranty Excludes	Vandalism, punctures, acts of God