

Prodeco PU Cushion

Base & Secondary Cushion Layers for Sport Floors Based on Polyurethane Binder & Rubber

Description	Prodeco PU Cushion is a base layer that features a polyurethane binder and coarse rubber particles for higher cushion build and a secondary layer for a smooth texture as a part of the sport Prodeco PU system
Where to use	Sport courts Running tracks on asphalt or concrete
Properties	
Color	Upon request
Type	Solvent free PU with rubber particles
Mass Density	0.65 – 0.9 Kg/liter
Solids content	100% by volume
Drying Time	12 hours
Thickness	3 – 13 mm
Tensile Strength	0.7 – 0.9 N/mm ²
Elongation	80 %
Impact Resistance	18 N/m ²
Tests	It complies with ASTM F2772,D624, EN12235,1569,13501,1516,1517, 1490 4
Surface Preparation	<ul style="list-style-type: none"> The surface must be clean, free from dust and leveled All pavement repairs must be flush with the surrounding surface The surface must be clean of dust, dirt, debris and loose materials New concrete or asphalt surfaces must cure for 28 days Concrete surfaces must be a medium broom finish or roughened texture, and never be steel troweled
Mixing	<ul style="list-style-type: none"> Stir before use Add the Cushion gradually to the PU component and mix for a homogenous mixture
Application	<ul style="list-style-type: none"> Apply a sealer coat of Sealer PU or Bonding Primer or Sealer E43 Apply a tight, thin coat of Prodeco S/PU over the entire surface and then double back with a second application Allow the finish to stiffen before texture with either a sponge or a trowel Use a soft rubber squeegee to apply Prodeco PU Cushion Do not apply until the sealer is dried Two or three coats of Prodeco PU Cushion (coarse) and two coats of Prodeco PU cushion (smooth) are recommended for multi-purpose and tennis courts Temperature must be above + 10° C during application and for 24 hours after the application Do not apply if rain is imminent or forecast On outdoor applications assure adequate draining at the perimeter
Cleaning	Clean brushes and spray equipment with Prosolve PU immediately after use

Theoretical Coverage	Coarse layer: 1.5 Kg/m ² for a layer of 1 mm thickness Recommended a minimum of 3 mm Fine layer: 1.0 Kg/m ² /layer 1 mm thickness Recommended 2 mm
Packaging	10 Kg Pails (Fine) 12 Kg Pails (Coarse)
Shelf Life & Storage	It has a shelf life of 6 months if kept in their original packaging in a dry condition
Health and Safety	Use goggles, gloves and a breathing mask when applying Apply forced ventilation in confined spaces Remove splashes from skin with hand cleaner or soap and water Eye splashes to be washed with plenty of water If ingested seek medical advice
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction PROKEM reserves the right to change the properties of its products All orders are accepted subject to our current term of sale & delivery Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request PROKEM extends technical services to include after sales support to assist users in a proper handling of our product

