

Prothan Floor

Two component Polyurethane Protective Coating

Description	Prothan Floor is a two-component, solvent based hardwearing, pigmented, non-yellowing, polyurethane coating. It has very good chemical, abrasion and UV resistance properties.
Where to use	<ul style="list-style-type: none"> • Car parks & passage ways • Airports • Workshops • Playing courts and Deck floors • Steel structures • Food, beverage & medical factories • Swimming pools and artificial lakes
Advantages	<ul style="list-style-type: none"> • Excellent adhesion to most substrates including P.V.C • High abrasion resistance • Excellent weather resistance • Chemical resistance to petrol, oils, solvents, acids, water, mineral spirits & ethylene glycol • Temperature resistance: - 40 °C /+ 120 °C • Non-yellowing & 100% UV stable • Gloss finish
Properties	
Density	1.25 ±0.05 g/cm ³
Color	All colors are available
Pot life @ 23 °C	50 minutes
Time to recoat @ 23 °C	8 – 10 hours
Full cure @ 23 °C	7 Days
Solid content	75%
Acc. weathering resistance	No change
Surface Preparation	<ul style="list-style-type: none"> • Laitance and contamination are to be removed by any mechanical methods such as sandblasting, grinding, and scarification according to the surface profile required • All loose particles and residues must be removed to provide a clean, dry, sound surface • Surfaces must be free from oil, greases, and curing compounds • All dust and debris must be removed through vacuuming • Steel surfaces should be blasted to Sa 2½ and surface profile (50 – 100 microns)
Mixing	<ul style="list-style-type: none"> • Stir well components (A&B) individually before mixing • Add component (B) to component (A) and mix thoroughly using a low-speed mixer until a homogeneous mix is obtained, usually 2 – 3 minutes • Material can be thinned if needed using 3% of Prosolve PU up to a maximum of 5%
Application	<ul style="list-style-type: none"> • Prime the prepared surface using Sealer E43 or Sealer E45 • *In the case of wet or green concrete substrates Wetseal can be used • Apply coating with roller, brushes, or airless spray to a uniform finishing

Cleaning	Tools and equipment should be cleaned immediately after use with Prosolve PU
Theoretical coverage	Primer, Sealer E43 or Sealer E45 : 0.15 – 0.2 Kg/m ² Wetseal : 0.2 – 0.3 Kg/m ² Prothan Floor : 0.25 – 0.33 Kg/m ² for a D.F.T of 150 – 200 micron A minimum of 2 coats are always recommended
Packaging	(A&B) pails 5 & 20 Kg
Shelf life & storage	6 months if stored in unopened containers in cool, dry condition
Health and Safety	<ul style="list-style-type: none"> • Use gloves and a breathing mask when applying • Apply forced ventilation in confined spaces • Skin splashes to be removed with hand cleanser, soap, and water • Eye splashes are to be removed with plenty of water • If ingested seek medical advice
Additional Information	<p>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 structures</p> <p>PROKEM designs tailor made products should there be a critical application that requires specific properties rather than our main range. For our customer's satisfaction</p> <p>PROKEM reserves the right to change the properties of its products</p> <p>All orders are accepted subject to our current terms of sale & delivery</p> <p>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</p> <p>PROKEM extends technical services to include after sales support to assist users in the proper handling of our products</p>