

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	• Car parks & passage ways • Airports • Workshops • Playing courts and Deck floors • Steel structures • Food, beverage & medical factories • Swimming pools and artificial lakes
Advantages	• 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	• 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	• 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	• 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	• 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	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 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 PROKEM reserves the right to change the properties of its products All orders are accepted subject to our current terms 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 the proper handling of our products