

Single pack, high build, clear high gloss, high abrasion resistant polyurethane coating

Uses

Durafloor PU is a high build coating, formulated for both interior and exterior applications to provide a clear, high gloss, high abrasion resistant finish.

Advantages

- High build gloss finish when dry
- Cures quickly
- Suitable for use over a range of temperatures
- Has UV protection added

Description

Durafloor PU is a clear liquid with slight yellow tinge and a pungent odour. It is a single pack, high performance, moisture curing polyurethane.

Properties

Resin type:	single pack industrial grade self curing system
Coverage rate:	approx. 5 m ² -10 m ² per coat dependent on surface texture
Re-coat time:	6 – 18 hours, depending on temperature
Colour:	straw coloured
S.G:	0.98 (9.8 kg / 10 litre)
NCO:	2.8 – 3.1

Application Instructions

Preparation

All surfaces should be sound and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance and all traces of mould release oils and curing compounds.

Where application is over an existing sound coating, trials should be conducted to ensure compatibility of the Durafloor PU with the existing coating as well as retention of the bond of the existing coating to the host substrate. For further advice contact your local distributor or Parchem sales office.

Application 1st Coat

For porous surfaces the first coat must be diluted to penetrate into the substrate and provide better wetting. Dilution can be up to 50/50 with xylene.

If there are some doubts about application and appearance, test a small area first.

Diluted sealer must be used immediately and not stored or returned to original sealer.

Decant the quantity of Durafloor PU required for immediate use only. The original container should be re-sealed immediately against moisture.

Apply Durafloor PU by either a brush, roller or airless spray. For spray application, between 5% - 10% xylene can be added.

A slip resistant additive may be required, particularly if the area gets wet. Refer to Parchem for advice.

Application recoating

Re-coating should be within 16 -18 hours dependent on conditions prevailing. If too much time is allowed for cure, adhesion can be difficult to obtain on subsequent coats.

If too much time has elapsed then the first coat will have to be sanded to provide extra key before the second or third coats are applied.

After sealing it is recommended that the sealed surface be protected from:

Foot traffic for a minimum of 48 hours

Vehicle traffic for a minimum of 72 hours

Cleaning

Durafloor PU can be removed with water when wet and with xylene. Once cured Durafloor PU should be removed from tools etc by mechanical means.

Durafloor® PU

Limitations

Low humidity inhibits cure. Durafloor PU needs moisture to cure hard. When thoroughly dry, a mist of water over the Durafloor PU will accelerate cure.

When resealing Durafloor PU it is advised to lightly sand the old coating to help with adhesion.

DO NOT pour unused Durafloor PU back into the original container. In doing so contamination, in particular moisture, can be included which will lead to a shortened shelf life of the original product.

Supply

400650 - Durafloor PU 5L can
400655 - Durafloor PU 20L closed head drum

Coverage

Usage rate: 1 x 5 litre drum covers approximately 12 - 25 m² (two coats) or as specified depending on surface texture.

Shelf Life

6 months in unopened container stored as recommended. After this time product should be checked to ensure suitability for use.

Storage

Store in a cool, well ventilated space away from heat sources. Keep tightly lidded. Keep away from reducing agents and strong oxidising agents. Take precautions against static electricity discharges.

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

