

DESCRIPTION

Finpro PA is a clear two-component high-build polyaspartic coating that is fast curing, non yellowing and UV resistant. A durable, seamless, chemical resistant finish is achieved with fast installation, reduced recoat and return to service times.

Excellent results achieved as a top coat to epoxy coatings including flake flooring systems due to the resistance to chemicals, scratching and tyre pick up.

USES

- Restaurants
- Workshops and garages
- Commercial floors
- Showrooms
- Healthcare facilities
- Educational facilities
- Laboratories
- Warehouse facilities
- Wash and change rooms
- Clear topcoat to epoxy systems

FEATURES AND BENEFITS

- Fast curing
- High film build
- High gloss
- Optimised resistance to UV and weathering
- Tyre marking resistance
- Excellent abrasion and impact resistance
- Suitable for application to a range of substrates

TYPICAL PROPERTIES

Solids Content	85%
Pot Life (8L kit) @ 25°C and ≤ 70% humidity	20 minutes
Specific gravity @ 25°C	1.06 kg/L
Mix Ratio (by Volume) Resin: Hardener	1 : 1
Recoating time	Up to 6 hours at 25°C
Cure Time @25°C and ≤ 70% humidity	30 mins – tack free 3 hours – light traffic Return to service within 24hrs
Film thickness per coat	120-200µm
Colour Stability	Excellent

CHEMICAL RESISTANCE

Spill resistance after 7 days cure at 25°C to a range of chemicals including;

Petrol	No effect
Brake fluid	No effect
Skydrol	No effect
Coolant	No effect
Ammonium hydroxide	No effect

Spillages should be wiped to remove as soon as possible.

APPLICATION GUIDELINES

Surface Preparation

The substrate must be sound, clean and dry to ensure optimal adhesion between floor coating and substrate. Remove surface laitance, contaminants, existing coatings and curing compounds via light grit-blasting or grinding to ensure suitable surface profile to CSP 2 has been achieved. If applied to previously cured coatings such as epoxy, lightly abrade the existing coating to create a mechanical key.

Prior to application the surface must be free of dust and other debris. Repair imperfections such as holes and cracks where necessary.

New concrete must be cured for 28 days prior to application.

Priming

Priming with epoxy to porous substrates can provide additional adhesion benefits. Apply a prime coat of Finpro EP WB 30 at an application rate of 1L/7m² or Finpro GP at a rate of 1L/5m² as per product TDS. Finpro EP WB 30 will require curing time of 24hrs @ 25°C before overcoating with Finpro PA.

Finpro PA may be applied directly to properly prepared concrete surfaces, thin the first coat with 5-10% with xylene if required to increase penetration.

Mixing

Gently mix Part A if required until homogenous, avoiding air entrapment.

Add the Part B to Part A and mechanically mix for 2 minutes, scrape down sides of vessel so no unmixed material remains and stir for further 2 minutes.

Leave to stand for 2-5 minutes before application for improved curing times. Mix only the required amount that is needed based on the pot life of the product. To extend pot life place mixed product in smaller buckets or trays.

The addition of up to 5% of Finseal XYLENE may assist in extending working times and thinning the coating when additional concrete penetration may be required.

Sealer Application

Finpro PA can be applied by roller or squeegee within 20 minutes of mixing.

Roller/Squeegee

This method is compatible with Finpro PA, allowing application of even coats of mixed material to the prepared surface. For flat smooth finishes a short nap roller suited to gloss applications should be used. Spray application recommended for experienced professional applicators only.

For flake flooring system

Suitably prime the concrete surface if required. Apply a solid colour base coat of Finpro EP HS with a short nap roller at around 5m² per litre. Apply selected pre blended vinyl flakes by broadcasting. Allow to harden and lightly scrape the surface. Apply 2 coats of Finpro PA. Floor is trafficable by foot after 3 hours and vehicles after 72 hours.

LIMITATIONS

To ensure a uniform colour, use components with identical batch numbers in the one application area.

Curing time can be affected by atmospheric conditions such as humidity and or low temperatures and ideal range is 10-25°C and ≤70% humidity.

Application Conditions

Conditions that arise that are not considered normal an evaluation of suitability of the product for the application should be considered. They include but are not limited to:

- Surfaces being subjected to hydrostatic pressure will have a high chance of failure of bond to the substrate
- Substandard or porous concrete leading to excessive absorbency of the product
- Atmospheric conditions during curing including cold conditions (<10°C) or humid conditions (>80% humidity), will affect the initial cure of the product or lead to blushing of the surface
- Do not apply if temperature exceeds 32°C and humidity levels should be maintained in range of 25 to 70% to avoid exponential shortening of work time
- Severe or unusual exposure to chemicals outside of expected limitations of the product
- Cleaning procedures need to be assessed as spills of strong acids or incompatible cleaning agents will result in discolouration of the surface

If guidance is required, please contact a VULK representative for advice.

ESTIMATING DATA

Apply 1L per 5-7m² to prepared concrete and 1L/5-10m² as a topcoat depending on surface profile. Theoretical coverage per 8L kit is 40-80m² per coat.

VOC COMPLIANCE

<20g/L Low VOC

CLEAN UP

Use Finseal Xylene for cleaning of tools and equipment before the mixed compound has hardened.

PACKAGING

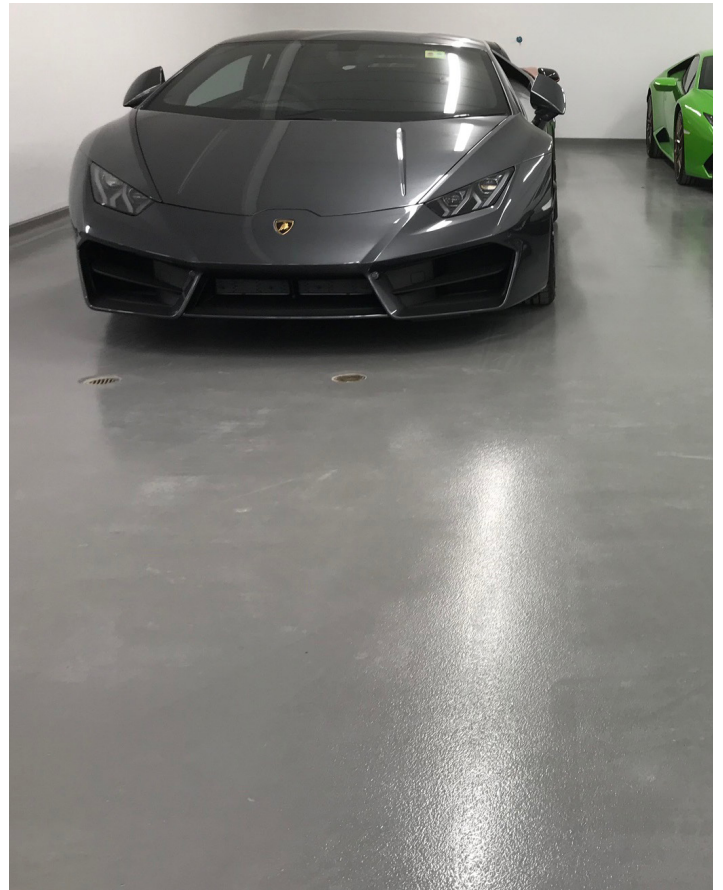
Finpro PA comes in pre-packaged 8L and 40L kits in clear.

SHELF LIFE

1 year in unopened, factory sealed container. Safely stored at temperatures between 5°C-35°C.

SAFETY PRECAUTIONS

Always wear adequate personal protection during use including gloves, eye protection, overalls and appropriate mask. Apply in adequate ventilation. Refer to Material Safety Data Sheet for further safety information.



DISCLAIMER / STATEMENT OF RESPONSIBILITY

Purchase or use of the product referred above ('the Product') constitutes acceptance of these terms. Any information provided by Vulk Pty Ltd ('Vulk') is of a general nature and should not be taken as advice and is, to the extent permitted by law, provided without warranty as to the accuracy, reliability or completeness of that information. Further, no warranty is provided in respect to the quality, suitability or fitness for purpose of the Product. Expert advice should be taken in respect to any use of the Product.

So far as is permitted by law, any party purchasing or using the Product indemnifies Vulk against and releases Vulk from any claim, liability, loss, cost or similar directly or indirectly arising out of the supply or use of the Product or this technical data sheet. Vulk's liability to any party is limited to cost of replacement or repair of the Product and is reduced proportionately to the extent that an act or omission of any other party contributes to the liability.

VULK.COM.AU

enquiries@vulk.com.au

5 Piping Lane Lonsdale SA 5160

Phone: 08 7120 6955

VULK



VULK TDS Issue July 2023 Ver FPPA.001