



Durable high gloss floor sealer

PRODUCT DESCRIPTION:

Pro-Struct Polyurethane Floor Sealer Gloss is a solvent-based, two-component sealer delivering a tough, high gloss finish. It resists mild chemicals, abrasion and weathering, providing durable protection for floors and walls in industrial and commercial spaces.

PRIMARY APPLICATIONS:

- Sealing concrete and masonry surfaces
- Protecting factory and warehouse floors
- Topcoat sealer for epoxy floors
- Garages, laundries and utility spaces
- Ablution blocks, hospitals, schools
- Food processing plants and retail stores

FEATURES & BENEFITS:

- Multi-surface application
- Excellent colour stability
- Tough gloss finish
- Chemical resistant
- UV and stain resistant
- Long-lasting protection

TYPICAL CHEMICAL RESISTANCE:

Resists spillages of mild acids and alkalis, most petroleum products and aqueous solutions.

DIRECTIONS FOR USE:

Pro-Struct Polyurethane Floor Sealer Gloss is formulated to be used as a topcoat for the Pro-Struct Epoxy Garage kits.

Substrate preparation:

Ensure that the Pro-Struct Epoxy Floor Top Coat has cured for at least 12 hours and no longer than 24 hours before being overcoated with Pro-Struct Polyurethane Floor Sealer Gloss.

Mixing:

Cut open pouch A and pour its contents into the empty clean container. Open pouch B and add to the container with part A. Mix thoroughly for 2 minutes using an impeller fitted to a variable speed drill. Scrape the sides and bottom of the container to ensure all material is incorporated. Continue mixing for an additional 2 minutes.

Important: Complete mixing is essential to ensure full cross-linking of the components. Do not aerate mix nor mix by hand.

If a skid resistant surface is required, mix Pro-Struct Non-Slip Additive into the Pro-Struct Polyurethane Floor Sealer Gloss mixture for 2 minutes.

Application:

Onto the clean, dry, sound garage floor system, apply a minimum of 2 coats of mixed material out of paint trays using a short nap mohair roller at 6 to 11m²/litre/coat, allowing 8 to 12 hours drying between coats. The use of floor lights is critical

TYPICAL PROPERTIES AT 25°C

Composition	Solvent-based aliphatic polyurethane
Components	2
Packaging	3 Litre kit, Parts A & B
Mixing Ratio	8:1
Consistency	Liquid
Finish	High gloss
Colour(s)	Clear
Mixing	Impeller fitted to a variable speed drill
Pot Life	4 Hours
Application Method	Brush, roller or spray
Application Temperature	10°C to 30°C DO NOT apply in direct sunlight
Coverage / Spread Rate / Yield	6 to 11m ² /litre/coat
Dry Film Thickness	40 to 75µm
Number of Coats	Primer & 2 Topcoats
Drying / Curing Time	Tack-free: 4 to 6 hours Overcoat: 12 hours Service: 48 hours
Cleaner	Lacquer Thinner
Shelf Life	24 Months in original, unopened container



PRO-STRUCT POLYURETHANE FLOOR SEALER GLOSS

to ensure even spread and levelling without pooling has been achieved. Clean equipment immediately after use with Lacquer Thinner and rinse off with clean water.

Curing:

If temperatures are between 16°C to 30°C, the coating system can be exposed to light traffic after 24 hours. Excessive traffic, aqueous cleaning and exposure to aggressive chemicals should only take place after 5 days, when full cure has been achieved.

REFERENCE SAMPLE:

A trial reference sample should be installed by the applicator prior to start of contract to ensure correct coverages and workmanship.

STORAGE CONDITIONS:

Store both components of Pro-Struct Polyurethane Floor Sealer Gloss between 16°C to 30°C in a dry area. Avoid excessive heat. Do not freeze.

PRECAUTIONS / LIMITATIONS:

- DO NOT attempt to install material if temperature of components and substrate are not within 16°C to 30°C. The cure time and application properties of the material are severely affected.
- DO NOT use water or steam in the vicinity of the application. Moisture can seriously affect the working time and other properties.
- Protect areas from dust and isolate access. Contamination between layers will affect the final appearance.
- Avoid contact with all liquid Parts A and B as they may cause skin and/or eye irritation. Workmen should cover hands with protective creams or rubber gloves and wear safety glasses.
- Use only with adequate ventilation.
- Use of Thinner AB may be required under certain application conditions and circumstances.

NOTES:

- Material Safety Data Sheets are available on request.
- A staff of technical service engineers is available to assist in installation or to answer questions related to our flooring products specifically or flooring problems in general.
- Requests for technical service or literature can be made through local sales representatives and offices, or corporate offices located throughout the world.

COLD CONDITIONS:

Low temperatures decrease flow, delay set and affect water resistance and final appearance. Materials should be conditioned for 16 hours at 21°C to 27°C; heaters should be utilised to warm floors.

TECHNICAL INFORMATION:

	Typical Result
VOC's	572g/litre
Solids Content	40%
Maximum Service Temperature	100°C Dry max 50°C Wet max