PAVECOVER, PC-631

Polyurethane Tinted Concrete Sealer
Water Base

Uses

PAVECOVER is a water-based, single-component, satin polyurethane coating with good gloss and colour retention. It is a finish coat for the protection of concrete floor in a harsh atmosphere, to the normal ambient environment, where light-fastness and gloss retention are required. The minimum temperature for curing is -10°C/14°F.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location information. Please refer to the safety datasheets for the individual components


UV Resistant


Floor Paint


Water Base


Environmentally Friendly

Packaging

The product is supplied in full units as a component pack.

PAVECOVER	15 Litres
PAVECOVER	4 Litres

Curing Times

Dry to touch	30 minutes
Hard dry	12 hours
Full curing	7 days
Recoat interval, Min	1 hours
Recoat interval, Max	72 hours

Additional Information

Colours	Chemstuk Colour chart
Finish	Satin
Solid Content (by Volume)%	44±2
Theoretical spreading rate	6 m²/lit-30 Mic. Depends on concrete quality
Flashpoint	NA
Specific gravity	1.2 kg/litre
V.O.C.	Max. 65gr/lit
Shelf life	1 Year (25ºC / 77ºF) from the time of production. Depending on storage conditions, mechanical stirring may be necessary before use.

Substrate Requirements

Must be acid-washed

Good to manually prepare surfaces washed or primed.

Surface Preparation

PAVECOVER should not be applied to floors subject to rising dampness or moisture content higher than 4%. The surface must be prepared

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PAVECOVER is a highly durable water-based PUD coating for concrete surfaces and a variety of masonry. It has unsurpassed UV-resistant properties, anti-yellowing properties and is able to handle the harsh Australian climate.

and free from oils, chemicals, and any other material that may affect the adhesion, such as concrete curing membranes.

Concrete substrates should be at least 28 days old.

All surfaces must be thoroughly cleaned and free of all loose dirt, grease, stains, mould, surface chalk and loose or flaking paint. Wash unpainted timber surfaces with a suitable timber cleaner to remove excess tannins or greyed timber. New timber surfaces should also be sanded smooth and dusted down prior to priming. Fill nail holes, imperfections and cracks with a suitable filler, sand and dust off.

Mixing

Mix with a slow-speed drill and helical spinner head for 60 seconds. Mix until uniform.

Application Method

Method	Airless sprays-Roll	Brush (touch-up)
Thinner (max. vol.)	Water (5%)	Water (5%)
Spray setting	**NA**	
Pump ratio minimum	30:1	
Tip size	0.017"–0.019."	517-519
Tip pressure	150 bar/2100 Psi	
Cleaning of tools	Water	
Indicated film thickness, dry	50 microns	
Indicated film thickness, wet	100 microns	

Conditions: Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3°C above the dew point.

Storage

Time	12 Months in Unopened Packs.
Temperature	Storage temperature between 5°C and 35°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight and contamination ingress.

Remarks

Preceding Coat	PAVECOVER
Subsequent Coat	PAVECOVER (if necessary)

A completely clean surface is mandatory to ensure inter-coat adhesion, especially at long recoating intervals. Any dirt, oil, and grease must be removed, e.g., with a suitable detergent. Salts should be removed by freshwater hosing. To check the adequate quality of the surface cleaning a test patch is recommended before actual recoating.

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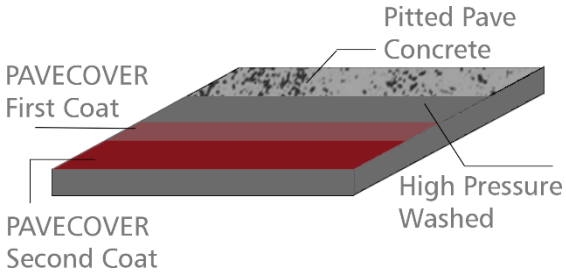
Film Thickness

It may be specified in another film thickness than indicated, depending on the purpose and area of use.

This will alter the spreading rate and may influence drying time and recoating intervals.

Recoating and drying/curing time

2 hours @25ºC/50% relative humidity. Under cooler or more humid conditions, allow longer drying times. If recoating with a solvent-based paint, allow 1-Step to dry for 24 hours before recoating



Safety

Refer to SDS for Dangerous Goods classification.

Application Equipment

The use of correct application equipment is critical, as incorrect application tools can result in poor finishing and incorrect material consumption. Always test the application equipment prior to commencing work. The following equipment is recommended for this application.

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