

MONOPUR TOPCOAT SEALER

Polyurethane coating with gloss finish

June 2024

PRODUCT:

Monopur Topcoat Sealer is a 100% solids, gloss, antimicrobial, solvent-free polyurethane coloured coating for Monopur flooring systems.

- Antimicrobial - Polygiene® additive based on silver-ion technology
- Provides a gloss finish which delivers superior cleanability
- Application by roller or squeegee
- Unique gloss finish improves facility aesthetics by brightening and transforming spaces

USES:

Can be used as a seal coat for Monopur flooring systems or as a stand-alone product. This will provide a hard-wearing, slip resistant, chemical resistant, antimicrobial coloured gloss finish.

PACKAGING:

The product is supplied in full units as A+B+Pigment packs.

Base A	8.5 kg	
Hardener B	3 kg	
Pigment	1.2 kg	
Kit size	12.7 kg	9.4 L

TECHNICAL DATA:

Standard Coverage Rates		
First coat*	0.55 kg/m ² - 0.75 kg/m ²	1.8 m ² /L
*Coverage rate based on Monopur Topcoat Sealer applied over aggregate size of approx. 0.6-1 mm. Coverage rate will vary dependant on type of aggregate used.		

Curing Times (at 20°C)	
Min overcoating	6-8 hours
Max overcoating	24 hours
Foot traffic	24 hours
Vehicular traffic	48 hours
Full chemical cure	7 days
* Full chemical resistance is achieved after 5-7 days. ** Do not cover or wash within the first 36 hours of curing.	

Properties:	
VOC content	<1.0 g/L
Density	Approx. 1.35 kg/l (combined)
Solids content	Approx. 100% (by weight)
Finish	Non-Slip Gloss Finish
Colour	Refer to Monopur Pigment TDS

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SUBSTRATE REQUIREMENTS:

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

COVING:

Please contact Equus Industries Ltd. for an approved coving mortar.

MIXING:

The product is supplied in full units as A+B+Pigment packs. Pack components are pre-weighed for optimum performance. We recommend that you do not split or proportion packs.

- Stir Base A to re-disperse any settlement
- Add Pigment to Base A and mix until uniform
- Add Hardener B to the Base A and drain thoroughly
- Mix with a slow speed drill and helical spinner head for 45 seconds, taking care not to entrain air
- Add between 2-7% Xylene (if required depending on conditions) and mix for a further 30 seconds

SOLVENT:

Solvent (Xylene / MEK / Acetone) may be added to aid application properties if required.

Add between 2% and 7% solvent (depending on temperature and material viscosity) of Xylene, MEK or Acetone to assist with the application properties.

APPLICATION TEMPERATURE:

The recommended material substrate temperature is 15-35°C, but no less than 10°C. The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24 hours after application.

APPLICATION / POT LIFE:

Ready-mixed product should be used within 15 minutes at a temperature of 20°C. At higher temperatures (or if left in bucket) the application time is shorter.

Decant mixed product into smaller quantities if applying small/detailed areas.

APPLICATION METHOD:

Immediately after mixing, apply the Monopur Topcoat Sealer by squeegee and/or roller. Allow to cure for a minimum of 8 hours at 20°C.

ADDITIONAL NOTES:

1. Maximum overcoat time is 24 hours at 20°C if primer is required.
2. The product has reached full chemical cure after 7 days at 20°C.
3. The applied colours may differ from the examples shown.
4. Equus Industries Ltd. assumes no responsibility for the application of incorrect colour.
5. It is the applicators responsibility to verify the accuracy of colour prior to application. Equus Industries Ltd. does not bear any responsibility or accept claims for incorrect colour after application of material.
6. The system is not UV stable and will discolour unless otherwise stated.
7. Do not cover or wash within the first 36 hours of curing at 20°C.
8. This system should be installed at 3°C above the dew point.
9. Please ensure application temperature and RH limits are followed.
10. Wind or strong airflow may cause quick curing and drying of the system.
11. Ensure wind or strong airflow is eliminated during application, however adequate ventilation should still be followed.
12. Direct head during application of the system can cause flash curing and potential delamination. Ensure you do not apply this system to substrates with temperatures exceeding 35°C.

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STORAGE:

Time	12 months in unopened packs. If longer than 12 months, contact Equus Industries Ltd.
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.

HEALTH AND SAFETY:

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the Safety Datasheets (SDS) for the individual components.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Australia
Legal and trading name of manufacturer	Tremco CPG Pty Ltd.
Manufacturer address for service	12/4 Southridge Street, Eastern Creek, NSW 2766, Australia
Manufacturer website	
Manufacturer email	orders@tremco.com.au
Manufacturer phone number	+61 2 4648 0397