

MONOPUR TOPCOAT SATIN

Polyurethane cement coating with satin finish

April 2024

PRODUCT:

- Monopur Topcoat Satin is a 4-component, solvent free, coloured polyurethane cement coating with a satin finish
- Monopur Topcoat Satin features a satin finish which provides an easy to clean platform underfoot
- Low VOC: Compliant with Green Star Design, and As Built V1.2-13.1.1B, Green Star Interiors V1.2-12.1.1B

USES:

Can be used as a seal coat for Monopur flooring systems including coving. This will provide a hard-wearing, chemical resistant, anti-microbial coloured sealer in a semi-gloss/satin finish.

PACKAGING:

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

| | | |
|------------|----------|--------|
| Base A | 1.441 kg | |
| Hardener B | 1.5 kg | |
| Filler C | 1.969 kg | |
| Pigment | 0.2 kg | |
| Kit size | 5.11 kg | 3.52 L |

TECHNICAL DATA:

| Standard Coverage Rates | | |
|---|------------------------|---------------------|
| First coat | 0.75 kg/m ² | 2 m ² /L |
| *Coverage rate based on Monopur Topcoat Satin 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 | 16 hours |
| Max overcoating | 24 hours |
| Foot traffic | 16 hours |
| Full traffic | 48 hours |
| * Full chemical resistance is achieved after 5-7 days. ** Low relative humidity, maximum 70% and good ventilation are prerequisites to achieve the above drying times. *** Do not cover or wash within the first 36 hours of curing. | |

| Properties: | |
|----------------|--|
| VOC content | 44 g/L Green Building Council of Australia Green Star Design & As Built V1.2-13.1.1B Green Star Interiors V 1.2-12.1.1B |
| Density | Approx. 1.45 kg/l (combined) |
| Solids content | Approx. 95% (by weight) |
| Finish | Non-Slip Satin 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 95% RH as per ASTM F2170 (AS1884:2012). Slab on ground concrete must have an effective damp proof membrane in place.

COVING:

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

MIXING:

The product is supplied in full units as A+B+C+Pigment packs. Pack components are pre-weighed for optimum performance. If packs are to be proportioned this must be completed using digital scales.

- Stir Base A to re-disperse any settlement
- Add Filler C to Base A and mix until uniform
- Add Hardener B to the Base A container and drain thoroughly
- Mix with a slow speed drill and helical spinner head for 45 seconds, taking care not to entrain air

SOLVENT:

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

Add between 2% and 5% 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:

The product should be applied using a squeegee and high quality 10-12 mm nap lambswool roller. Do not use Microfibre.

Apply the material evenly across the floor, rolling in a north/south direction, ensuring the wet edge is maintained. Within 5 minutes finish by rolling east to west in one direction only.

Late rolling of the product may result in roller marks appearing in the finished surface. This can also cause differences in gloss levels across the surface of the floor.

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:

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| 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:

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| 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 |