

CHEMSTUK



BETTATHANE PU-244

Polyurethane Sealer

Uses

Bettathane is our highly UV-resistant single-pack polyurethane coating that excels as an indoor and outdoor concrete coating. Bettathane floor coating has very strong bonding properties, is very durable and is resistant to water, oil and grease, making it perfect for any factory. Bettathane is also resistant to mold, mildew, fungus, corrosion, weathering and abrasion making it the ideal coating for someone looking to protect their floor for years to come. Bettathane can be applied easily with a roller or brush on colour-tinted epoxy, Flake to match any design your home or workplace is going for. If you want a lasting durable floor coating that won't yellow or change due to the environment then our Bettathane concrete coating is perfect for your needs.



Low Maintenance



UV Resistant



Easy Application



Environmentally Friendly

Environment & Health

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 for the individual components.

Packaging

The product is supplied in full units as a 1-component pack in 3 different Packs.

| Pack size | |
|------------|--------|
| Bettathane | 15 Ltr |
| | 10 Ltr |
| | 4 Ltr |

Curing Times

| | |
|----------------------|-----------------------|
| Dry to touch | 4 hours |
| Hard dry | One day |
| Full curing | 28 days |
| Recoat interval, Min | 8 hours @ 20°C |
| Recoat interval, Max | 18 hours, see REMARKS |

Additional Information

| | |
|-----------------------------|--|
| Colours | Clear |
| Finish | Gloss |
| Solid Content (by Volume)-% | 65±0.5 |
| Theoretical spreading rate | 8-10 m ² /lit-200 Mic |
| Flashpoint | 28°C/83°F |
| Specific gravity | Part A .9 kg/lit- |
| V.O.C. | Max. 30 gr/lit |
| Shelf life | 1 Year (25°C / 77°F) from the time of production. Depending on storage conditions, mechanical stirring |

CHEMSTUK Pty Ltd
1/11 Industrial Avenue
Thomastown
Tel: +61 3 9936 0531
www.chemstuk.com

- BETTATHANE is our highly UV-resistant single-pack polyurethane coating that excels as an indoor and outdoor concrete coating.

| | |
|--|------------------------------|
| | may be necessary before use. |
|--|------------------------------|

Substrate Requirements

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

Surface Preparation

Bettathane should not be applied to the floor subject to rising dampness or moisture content higher than 4% . The surface must be prepared and free from oils, chemicals and any other material that may affect the adhesion such as concrete curing membranes.

Timber substrates should be dried.

Application Method

| | | |
|--------------------------------------|-----------------|-------------|
| Method | Spray | Roll |
| Thinner (max. vol.) | EX-T-1 (10-15%) | Ex-T-1 (5%) |
| Cleaning of tools | Xylene | |
| Indicated thickness, dry film | 20-50 Mm | |
| Indicated thickness, wet film | 50-100 Mm | |

Conditions: Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 4°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 | Primit Epoxy Flake |
| Subsequent Coat | Bettathane |

A completely clean surface is mandatory to ensure intercoat 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 .To check the adequate quality of the surface cleaning a test patch is recommended before actual recoating.

Film Thickness

May be specified in another film thickness than indicated depending on purpose and area of use.

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



Recoating and drying/curing time

CHEMSTUK Pty Ltd
1/11 Industrial Avenue
Thomastown
Tel: +61 3 9936 0531
www.chemstuk.com

- **BETTATHANE** is our highly UV-resistant single-pack polyurethane coating that excels as an indoor and outdoor concrete coating.

Recoating intervals are related to the following conditions of temperature:

| Temperature | Time (Hours) |
|-------------|--------------|
| 25°C | 8-72 |
| 20°C | 12-96 |
| 15°C | 24-96 |

Safety

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Chemstuk material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. Apply only in well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions. Please follow the instruction on dangerous good transport according to Flammable Paint UN 1263 (Part A) and Corrosive Liquid UN 1760 (Part B)

Material Set-Up

Before commencing work ensure that your material is set up by separating all components (e.g. Base A, Hardener B, Pigment C etc.) to ensure that all material is correct. Check product labels and ensure there are equal amounts of product.

Site Set-Up

Before commencing work ensure that your site is set up. Mark the floor according to the specification with masking tape or similar to identify what area each unit will cover. If this is not achieved (greater or less consumption than the specified amount) immediately stop and contact Chemstuk after-sales helpline.

Surface Preparation

All laitance must be removed to expose a sound substrate and provide a dry, dust-free, open-textured surface. All hard-to-reach areas and areas around the perimeter must be prepared using handheld preparation equipment. Any damaged areas must be repaired with Quick fill mortar. Consult Chemstuk prior to using an alternative repair mortar. Any rough or uneven areas must be made smooth with Quick build. Consult Chemstuk prior to an alternative epoxy scratch coat.

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:

