

FORMINEX[®] Supergloss White & Colours

FORMINEX[®] SUPERGLOSS Polyurethane is a marine grade non-yellowing linear, pigmented Polyurethane surface coating for external or internal application. It is suited to above and below water applications. FORMINEX[®] SUPERGLOSS is available in attractive modern colours (over 4000 colours) and produces a very smooth level finish with an extremely high gloss and excellent gloss and colour retention. For superior adhesion over difficult to paint surfaces see Data Sheet for FORMINEX[®] CERAMAGLASS.

Features of FORMINEX[®] SUPER GLOSS Polyurethane are as follows:-

1. Excellent Gloss and Colour retention and high resistance to weathering.
2. Ease of application.
3. Great permanent elasticity.
4. Excellent adhesion to all types of surfaces, i.e. Fibreglass, Concrete, Fibrous cement board, Timber, Ferrous and non-ferrous metals, Zinc and various Plastics without any injurious effect to these surfaces.
5. A high degree of impermeability.
6. Excellent corrosion inhibition.
7. Excellent resistance to Water, Heat, Chemicals, both Alkaline and Acid, Solvents, Grease, Oils and Stains
8. Excellent abrasion resistance making it a superb floor coating.
9. Low combustibility. FORMINEX[®] SUPER GLOSS Polyurethane will not support combustion when dried and is heat stable to 250°C (400°F) after which discoloration may occur.
10. Excellent graffiti resistant properties.

NOTE: It recommended that for maximum coverage and adhesion that SUPERGLOSS be applied over FORMINEX[®] UNIVERSAL UNDERCOAT. The Undercoat is recommended if SUPERGLOSS is to be applied over a previously painted surface. In this case it also acts as a barrier coat to prevent reaction between the old coating and the new.

Packaging:

FORMINEX[®] SUPER GLOSS is sold as two packs i.e. one pack containing the Base or non-drying portion and the other pack containing the Hardener. Before use the two packs should be mixed together thoroughly in the recommended proportions (see mixing). Size range from 500ml to 4 litres.

Storage: Storage stability of both packages separately (i.e. the Base and the Hardener) is almost indefinite provided the tins are kept well sealed and free from water and moisture.

Mixing: The mixing proportions for FORMINEX[®] Super Gloss is 3 parts Base to 1 part Hardener by volume.

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Shipway Spescoat

A division of Topline Paint Pty Ltd

130 Halifax St. Adelaide S.A. 5000

Ph (08) 8223-1124 Fax (08) 8223-2045

Email: info@shipways.com.au

Web Site: www.shipways.com.au

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Pot Life: The pot life of FORMINEX[®] SUPER GLOSS when mixed in accordance with the instructions is 8 hours at 25°C. Pot life reduces with increasing temperature.

Application (General):

Application is by means of quality brush, short nap mohair roller or low pressure spray gun. In the case of application by spray gun, the material should be thinned by 10% to 20% with FORMINEX[®] Universal Thinners FX150 and the compressor **must** be fitted with a water trap.

An almost flawless finish can be produced by spray applying the products however it is **ESSENTIAL** that when spraying Forminex[®] Supergloss that you ensure that you are fully aware of the risks and precautions involved in spray painting isocyanate containing coatings. We do not recommend spray application by the do-it-yourself applicator. Where possible such painting should be done in an approved spray booth. An independent air supplied full face respirator complying with "AS/NZS 1715 Selection, use and maintenance of respiratory protective devices" should be used.

Coverage:

The coverage of FORMINEX[®] SUPER GLOSS is approximately 12 - 14 m² per litre.

Drying Times:

Dust dry 1 hour. Recoat after approximately 8 - 12 hours. When spraying, Supergloss can be applied in one application, ("wet on wet"). That is a gradual build up of light coats until the required film thickness is achieved.

Flammability:

The solvents used in FORMINEX[®] SUPER GLOSS are highly flammable, but the dry coating will not support combustion.

Thinners:

FORMINEX[®] FX150 THINNERS. Cleaning of equipment, should be done with FX150 THINNERS[®] before the material is allowed to harden - otherwise cleaning should be done with FORMINEX[®] Brush Kleen.

Clean up skin:

Use only industrial hand cleaners and barrier creams. **DO NOT USE SOLVENTS.**

Caution: Do not apply Forminex Supergloss if surface or air temperature is above 30°C, below 10°C or the relative humidity is above 80%

SPECIFIC APPLICATION DETAILS:

Please check to see if there is a project guide for your specific application.

Painting over glossy two-pack coatings, ceramic tiles, terrazzo, laminates or other hard to paint surfaces.

Apply 1 wipe-coat of FORMINEX[®] CERAMAGLASS. This is followed by FORMINEX[®] UNIVERSAL UNDERCOAT (where required) and 2 coats of Forminex Supergloss. See Data Sheet for FORMINEX[®] CERAMAGLASS.

Unpainted Concrete Floors.

New concrete floors must be left to cure for 4 to 6 weeks before coating to allow the concrete to fully dry and cure. The concrete must be thoroughly clean and oil free. Use Forminex Super Wash to remove oil and greasy deposits. The concrete should then be acid etched. Mix 5L Hydrochloric Acid into 10L water (add acid to the water not the other way round). Scrub onto surface with a 'deck scrub' scrubbing brush or stiff acid resistant broom and rinse off with clean water. Do not allow acid to dry on the surface before rinsing. Apply solution of Forminex Acid Neutraliser (1kg into 10L fresh water) to floor with a 'deck scrub' scrubbing brush or stiff broom and rinse. Allow to dry min. 2-3 days.

Unpainted Timber Floors.

Ensure the timber is clean and free from oil and grease. Sand the timber to a smooth finish. Remove all dust, lint and other loose surface particles by vacuuming. Remove residual dust by TAC-RAG or by wiping with a lint free cloth moistened with SPESCOAT XT120 THINNERS. Ensure surface is thoroughly dry. The use of Forminex Universal Undercoat is recommended especially where a smooth finish is required.

Painting over previously painted floors.

If it is not known what type of coating has previously been used a simple test can provide some guidance. Pour a small quantity of Forminex FX-150 Thinner on to the existing paint. If it wrinkles within a few minutes then it is most likely a single pack enamel or similar. If the coating does not wrinkle but redissolves and is easily removed with a rag then it is a solvent soluble coating such as a solution acrylic or chlorinated. If the solvent has little or no effect then it is most likely a 2 pack coating. Forminex Supergloss may be applied over single pack enamels (not solvent soluble finishes) using Forminex Universal Primer as a barrier coat however this may not always be the best solution as the system still relies on the poorer adhesion of the single pack paint to the primer and much of the advantage of the 2 pack system is lost. Note Forminex Supergloss is not suitable for use over Chlorinated Rubber Coatings and solvent soluble acrylics.

Previously Painted Concrete Floors.

Test the coating as in the previous section to determine the suitability of a 2 pack system. The previously painted floor must then be thoroughly washed with Superwash and/or a pressure washer to remove all dirt/oil and grease. Bare concrete areas should be etched as per unpainted concrete floors section. Thoroughly sand the previously painted floor areas. Ceramaglass may be used to improve adhesion where sanding is difficult if the floor is textured in a way to prevent uniform sanding of the surface.

Previously Painted Timber Floors.

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Test the coating as in the previous section to determine the suitability of a 2 pack system. The previously painted floor must then be thoroughly washed with Superwash to remove all dirt/oil and grease. Bare timber areas should be sanded and then sealed using Forminex Uneversal Undercoat. Thoroughly sand the previously painted floor areas. Ceramaglass may be used to improve adhesion where sanding is difficult of the floor is textured in a way to prevent uniform sanding of the surface.

All Floors.

Application is by means of Paint Brush or short nap Mohair Roller. Apply one coat of Forminex Universal Undercoat if required. Forminex Universal Undercoat is usually only required to provide build or filling properties, to act as a barrier coat over solvent sensitive coatings or to assist in when recoating with a notably different colour to the previous paint. Allow Forminex Universal Undercoat to dry for 8 hours before the next coat.

Apply first coat of Forminex Supergloss and allow to dry 8-12 hours. Apply second coat. If the floor is recoated within 24 hours it is not necessary to sand between coats **unless the previous coat has not dried to a smooth, dust free finish**. If more than 24 hours has elapsed between coats, the surface should be sanded with 220 Dri Lube sandpaper or wiped with FORMINEX Ceramaglass, & all sanding dust thoroughly removed by vacuuming.

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SAFETY INFORMATION SUMMARY:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Shipway Spescoat and one will be provided. MSDS's are also readily available from our web site www.shipways.com.au.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion

Manufactured by : **SHIPWAY SPESCOAT**
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