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SURFAGLAZE TOPCOAT Polyurethane Topcoat

GENERIC TYPE:

A 2 pack acrylic urethane enamel.
A high gloss UV durable floor and wall coating.

TYPICAL PROPERTIES / FEATURES:

- Surfaglaze Topcoat is an aliphatic urethane modified acrylic coating available in clear and pigmented form.
- Excellent toughness and resilience.
- Non-yellowing.
- Good re-coatability.
- Good chemical resistance.
- Excellent colour fastness and UV stability.
- Contains sophisticated UV protective additives.
- Finish: Full Gloss
- Colour: Refer Nuplex Colour charts BS5252F
- Type of Urethane: Aliphatic
- Minimum application temperature +10°C.
- Solvent: Strong solvent
- Volume Solids: 40%. TSC: Clear 48%. Pigmented 58%
- Moisture Vapour (BS 3177:1959) – 36 gms permeability: mil/m²/24 hours
- Weathering: (1000 hrs QUV accelerated weather tester to ASTM G-53-77. 4 hours UV 60°C, 4 hours condensation 40°C). No visible effect.

SUGGESTED USES:

- With or without Surfaglaze Basecoat.
- Interior/Exterior application.
- A long life protective coating for areas subjected to: severe UV attack, pollution, moderate chemical contamination.
- Glaze/top coating for high build Surfaglaze system. Refer data sheets Surfaglaze High Build Systems.
- Traffic coating for specialised flooring systems.
- The coating of roofs constructed of fibre cement sheeting, clay, metal and concrete tiles.
- **Hygienic Metal protection coating** over steel or anti-corrosive coatings. The high gloss finish is hard and durable.

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NOT RECOMMENDED:

- Prolonged contact with strong acids, alkalies or aggressive solvents.
- Application to damp substrates or during damp humid conditions.

APPLICATION:

Method: Brush, roller (small areas only), airless and conventional spray.

Mix Ratios: Volume – 7:1 (A:B). Pot Life: 2hrs

Mixing: Thoroughly mix Part A and Part B in the correct proportions then allow to stand 2 minutes before use.

Walls: 3.5 lt part A + 500 mls part B

Floors: 3.5 lt part A + 1 lt part B

Coverage Rates: 6m²/litre/coat

WET FILM BUILD:
(Theoretical)

Walls: 165 microns (0.0066") per coat

Floors: 250 microns (0.010") per coat

DRY FILM BUILD:
(Theoretical)

Walls: 66 microns (0.026") per coat

Floors: 100 microns (0.0040") per coat

NO. OF COATS:

Walls: 1 – 2

Floors: 2 minimum

Metal protection: 2

THINNING:

Thin to application viscosity using Surfaglaze thinners.

DRY TIMES:

Tack Free: 1 hour. Re-coat 4 hours. Hard Dry 12 hours

Note: With spray application, a wet-on technique can be used.

CLEAN UP:

- Nuplex Universal Cleaning Solvent
- Surfaglaze Thinners

CAUTION:

- Part B contains reactive Isocyanate.
- When spraying, wear protective clothing, gloves and eye and face protection, including suitable breathing protection such as an air supplied respirator or hood.
- Do not breathe vapour or spray.
- Shelf life: 24 months in un-opened tins