

04.60

Transpoxy Finish

PRODUCT DESCRIPTION

Protective Paints Transpoxy finish is a two pack polyamide - cured epoxy giving a tile like decorative finish, combined with resistance to a variety of chemicals and mineral oils.

RECOMMENDED USES

Decorative durable finish for pools.

PHYSICAL PROPERTIES

Colour/Texture	White and Pool Blue /High Gloss
Mixing Ratio	3 parts Base to 1 part Hardener by volume
Volume Solids	46% (mixed)
Product Density	1.2kg/litre
Flash point	27°C
Drying Time	Tack Dry: 3-4 hours Hard Dry: 24 hours
Potlife	16 hours
Recoat Time	Minimum: 6 hours Maximum: Where extended periods of time have elapsed prior to recoating, care should be taken to thoroughly abrade all areas to avoid delamination.

SURFACE PREPARATION

Ensure surfaces are thoroughly clean, dry and free of all loose & flaking paint and all other contaminants. Substrate should be suitably primed.

STEEL	1.55 Epoxy Zinc or 828-810 Miox Epoxy
GRP	1.99 Epoxy Primer Undercoat 1.58 High Build Epoxy Primer
ALUMINIUM	1.13 Zinc Chromate Primer
TIMBER	1.99 Epoxy Primer Undercoat 1.58 High Build Epoxy Primer 9.05 Timber Preservative & Sealer may be used with previously unpainted timber.
CONCRETE	A primer is generally not required. Where an existing coating is present, 1.99 Primer may be used as a tie coat.

APPLICATION DATA

Can be applied by brush, roller or spray.

CONCRETE

(previously uncoated)

Apply one coat of 4.60 diluted 20% with 9.03 Thinners. After the specified recoat time, apply 1-2 finish coats to achieve the depth of colour.

CONCRETE
(previously painted)

Spot prime bare areas with a diluted product as above. (Where the soundness of the underlying coat is uncertain, a tie coat of 1.99 diluted 20% with 9.03 Thinners should be used).
Apply 1-2 undiluted coats to achieve depth of colour.

OTHER SUBSTRATES

Apply a suitable primer as detailed in surface preparation, followed by 1-2 coats of 4.60 Transpoxy Finish.

Theoretical Spreading Rate

11m²/litre @ 40 microns D.F.T

Recommended D.F.T

40 microns

Recommended W.F.T

90 microns

Thinners

Brushing: 9.03 Thinners

Spraying: 9.04 Thinners

Airless Spray

Pressure: 120 Bar

Tip Size: 0.330-04.57mm

Fan Angle: 60-80°

Packaging

4L, 20L (on request)

HEALTH AND SAFETY

Irritant

Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

FIRST AID

EYES

Flush with water for at least 15 minutes and seek medical advice.

SKIN

Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

INHALATION

Remove patient from further exposure, and keep patient warm and comfortable.

INGESTION

Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

TRANSPORTATION AND DISPOSAL

Class

3

Hazchem Code

•3YE (3); •3Y

UN No

1263

Packing Group No

III

Fire Extinguishing Media

CO², Foam, Dry Chemical

Fire Fighting Procedure

Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.

Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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