Timbercote

Exterior Marine Gloss Varnish

Data Sheet

FEATURES

Advantages:

- Single pack clear finish
- Proven performance over many years
- Excellent flow and wet look finish
- Specifically formulated for exterior beautification and protection of most timbers
- A tough resin coupled with high levels of UV absorber assures lasting protection in marine use
- Correctly applied Timbercote has the longest lasting finish of all competitive single pack varnishes tested
- Excellent application characteristics

RECOMMENDED USES

Timbercote is designed for use on all marine bright work.

- Can be successfully applied to teak provided strict de-oiling measures are observed
- May be used to upgrade existing sound varnish systems
- Can be applied over prepared timber sealed with epoxy resin (see overleaf)
- Is ideal for solid timber doors
- **Note : it is essential that a sufficient number of coats of Timbercote are applied in order to lay up an adequate level of UV absorber to protect the timber surface**
- A minimum of five (5) coats is recommended for exterior exposure
- Timbercote is formulated to be applied at 30-40 microns – DO NOT overbuild any individual coat within the system
- It is recommended that Timbercote be thinned up to 50% by volume to aid levelling, film thickness control and rapid through-hardening

SPECIFICATION DATA

Generic Type:	UV Absorber Reinforced Modified Polyester Gloss Varnish
Colour:	Light Amber Clear
Packaging:	NZ: 1 and 2 litres Single component
Gloss:	High Gloss
Mix Ratio:	N/A
Pot Life:	N/A
Flash Point:	35°C
Thinner:	T48 Thinners
Storage:	Store under cool, dry conditions

Density:	0.95 kg per litre
Volume Solids:	52%

Theoretical Coverage Rate:

14.8 sq. metres per litre at 35 microns dry

Recommended Film Thickness Per Coat:

58-77 microns wet to obtain 30-40 microns dry

Application: Spray, brush or roller

Dry Times (35 µm DFT / 25°C / 50% RH):

Touch Dry :	2 Hrs
Dry to Sand :	Overnight

Recoat Time (35 µm DFT / 25°C / 50% RH):

Recommended :	Overnight
Aged Recoat :	Maximum one week without light sanding

SURFACE PREPARATION

All surfaces to be coated must be clean, dry and sanded to a fine finish before application of Timbercote.
New or stripped timber may be sealed with 421 Epoxy Resin, thinned 25% with Carboline Thinner #12, or Altex Yacht & Boat 421 Epoxy Timber Sealer prior to application of Timbercote. Alternatively Timbercote may be applied direct to the timber in multiple thinned light coats.
Existing varnished surfaces must be thoroughly sanded and only sound varnish is acceptable when recoating with Timbercote.
Oily timbers such as teak must be thoroughly degreased immediately prior to applying Timbercote.

DIRECTIONS FOR USE

Mixing:
Timbercote is a clear single component product that requires only brief stirring to an homogeneous state before use.
Over long periods Timbercote may thicken, especially late in or beyond its shelf life. Mild turbidity- easily reduced with small amounts of Mineral Turpentine - is acceptable and will not compromise application of performance.

Thinning:
Thinning with Mineral Turpentine is required, especially in cold weather conditions.
The first coat applied to bare timber should be thinned up to 50% to aid penetration. Subsequent coats should also be thinned-20% to 50% to aid levelling and through hardness.

Application:
Timbercote can be applied by spray, brush or roller.
Suggested spray equipment:
Conventional Air Spray
1.0mm to 1.4mm Fluid tip with appropriate air cap
(Note: Other equipment equivalent to the above may be used.)
Airless Spray: Not recommended.

Note: Unsealed surfaces will require a suction coat of Timbercote thinned 50% with Mineral Turpentine. Allow to dry overnight and sand lightly. Bare timber will require 5-8 coats (or more) of Timbercote **over the sealed surface**.

Clean-up:
Use T48 Thinners or Mineral Turpentine.

PRECAUTIONS

For industrial use only. Read and follow all the caution statements on this Product Data Sheet, the product label and the Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Timbercote is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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