

PRODUCT DESCRIPTION

FIBRETECH Tropical Pool Topcoats have been specifically designed for use in the refurbishment of swimming pools. These Products are the result of an extensive Research and Development program to formulate a superior class of highly chemically and UV resistant topcoats for pool applications.

FEATURES

- Excellent flow/levelling properties
- Rapid air release
- Highly resistant to pre-release
- Excellent water resistance
- Good sag resistance
- Excellent weathering resistance
- High gloss retention
- High degree of flexibility and general toughness

BENEFITS

- Easy to control film thickness
- Minimal air entrapment
- Improved part quality
- Reduced potential for blisters/osmosis
- Provides a more consistent film thickness
- Increased tolerance to application variability
- Improved article longevity
- Superior appearance of article during its service life
- Improved resilience which reduces the occurrences of cracking

SUGGESTED USE

This product is part of the Fibretech Pool Refurbishment system and must only be used in conjunction with a Fibretech Fillcoat, Vinyl Ester primer and tie layer.

RELATED PRODUCTS

FIBRETECH Tropical Pool Topcoats – Roller Grade

- C510274 - Fibretech-T Lagoon Blue
- C510278 - Fibretech-T Sapphire Blue
- C510281 – Fibretech-T Athol Blue
- C510271 – Fibretech-T Dove Grey
- C510272 – Fibretech-T Fern Green
- C510273 – Fibretech-T Kakadu Green
- C510275 – Fibretech-T Nite Blue
- C510276 – Fibretech-T Pacific Blue
- C510277 – Fibretech-T Sand

RECOMMENDED CATALYST

We recommend using 2% MEKP NR20 for this range of products

TYPICAL LIQUID RESIN PROPERTIES–ROLLER GRADE

PROPERTY	TYPICAL VALUE	TEST DETAILS
Viscosity	23000 - 27000 cP	Brookfield RVF 4/4 @23°C
Cone and Plate	670 - 750 cP	@23°C
Gel time	27 - 35 minutes	2% v/w NR20 MEKP
Specific Gravity (Base Resin Only)	1.1 – 1.15g cm-3	
Flash Point	31°C	Setaflash
Shelf Life	4 months	Stored in closed containers away from heat and light

Typical values: Based on materials tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

APPLICATION GUIDELINES

Temperature: 15-30°C
 Catalyst Level (MEKP, 9% Active Oxygen): 2%
 Film Thickness: 18-28 thou

- It is not recommended to exceed a catalyst level of 3.0% (v/w)
- Spray Grade: spraying in 2 or 3 passes minimises porosity/air entrapment. This results in better part quality and performance.
- Application of this product must occur away from direct sunlight.
- Commencement of application should not occur if there is threat of rain.
- Pool should not be filled with water for minimum 4 days after topcoat has been applied.

Before pool is filled with water a Barcol Hardness Test and an Acetone Wipe Test should be carried out.

ADDITIONAL INFORMATION - Swimming Pool Applications:

During the development of FIBRETECH Tropical Pool Topcoat, the product was tested and qualified to meet the critical requirements of Australian Standard AS1838, indicating suitability for use as a surface finish in FRP swimming pool constructions, utilizing standard salt water chlorination systems. As part of this R&D program, well cured panels faced with FIBRETECH Tropical Pool Topcoat were also subjected to accelerated chlorine exposure tests. Based on the resulting performance data, these gelcoats are regarded as suitable for use in FRP swimming pool and spa constructions, fitted with standard chlorination filter systems, and operating at ambient temperatures.

FIBRETECH Tropical Pool Topcoats are not recommended for use in elevated temperature pool or spa applications where the surface finish will be subjected to continuous, long term exposures to treated pool water above 32°C.

Irrespective of operating water temperature, the chlorine level should be maintained in the ideal range of 1.5 – 2.5 ppm, and a maximum level of 5 ppm should not be exceeded. pH must also be maintained in the ideal range of 7.2 – 7.4.

FIBRETECH Tropical Pool Topcoats have not been qualified for use in applications involving the use of alternative filtration and sanitiser systems such as ozone generators and the like.

Note: Over time, with increased exposure to climatic/chemical conditions, some lightening of colour and reduction in reflective properties of the cured Gelcoat – may occur.

STORAGE AND HANDLING

To ensure maximum stability and maintain optimum resin handling properties, polyester resins & Gelcoats should be stored in closed containers, away from heat sources and sunlight. The resin should be stored away from all sources of ignition. Stored resin quantities should be kept to a reasonable minimum and used on a first in/first out stock rotation basis. Prolonged storage, or unfavourable storing conditions, may cause separation, and in these situations agitation of the resin before use is recommended.

STANDARD PACKAGING

Mild steel drums (225kg)
Mild steel pails (25kg)

Always refer to the MSDS before use.