

# YPF

TK 502

1469 m<sup>3</sup>  
BASE LUBRICANTS

# YPF

The bright and  
colourful world of  
Transurethane Finishes

# Transurethane Finishes



Topsides in RAL colour shades green 5018 and yellow 1023

**Transurethane Finishes are formulated with selected acrylic resins and isocyanate curing agents to provide protection against atmospheric exposure whether it is intense UV-radiation in tropical climates or the harsh conditions of the arctic zones. Transurethane Finishes offer excellent durability and good resistance against splashes and spills from petroleum products, lubricants and mild chemicals. All finishes offer low flame spread characteristics according to the IMO FTP-code.**

#### Transurethane Finish 343

The workhorse of the protective coating industry for decades. Stable gloss and colour retention for years. Often used in classic system with epoxy priming systems on for instance storage tanks of chemicals and hydrocarbons.

#### Transurethane Finish HB

High gloss finish with excellent toughness and abrasion resistance. Can be applied upto 100 micron dry film thickness in a single coat. Offers excellent adhesion to various metals and can be used as DTM protective coating in mild corrosive conditions.

#### Transurethane Shield

High solids, semi-gloss finish with excellent durability and impact resistance. Good resistance against spillage of chemicals, lubricants, solvents and alkalis. The finish complies to specifications of Norsok M-501 and ISO 20340. Recoatable with itself even after prolonged exposure to maritime conditions.

#### Transurethane Finish

Good atmospheric resistance and easy to use. Available in a semi-gloss and high gloss version. Offers unlimited recoatability even after prolonged exposure.

#### Transurethane Finish PUF 3060

High solids, glossy finish with excellent colour and gloss retention. Complies with performance requirements of Australian APAS and carries approval from Petronas for atmospheric zone exposure in offshore and onshore climates.



# Much more advantages than excellent weathering alone

When choosing a finishing system often a choice is made between a one-pack finish and a polyurethane finish. It is well known that polyurethane finishes have better weathering properties than one-pack finishes but in terms of costs the one-pack finishes are more attractive at first sight.

However, it is not realized that a polyurethane finish offers much more than just superior weathering properties only. The choice for a polyurethane finish has to be regarded as an investment since the lifetime of polyurethane finishes is much longer than one-pack finishes. Also a polyurethane finish adds properties to the coating system that are not possible to achieve with a one-pack finish. For instance resistance against abrasion and impact is superior to one-pack finishes. In addition a polyurethane finish offers a much better and more extended chemical resistance than a one-pack finish does.



These properties and unrivalled weathering properties are combined in products of the Transurethane Range of Finishes.

For instance, topsides and superstructure of container vessel 'Rachel Borchard' were all painted with Transurethane Finish HB.

The picture shows her maiden voyage and immediately the impeccable, almost mirror-like appearance of her topsides catches the eye.



*Storage tanks are exposed not only to UV-exposure but also to aggressive conditions such as spillage of chemicals. In addition, the atmosphere will contain industrial fumes arising from processes operating in the refinery. The picture shows the condition of the tanks painted with Transurethane Finish after a period of 5 years. Besides the industrial atmosphere, the paint also was exposed to marine conditions as the refinery is located near the Atlantic Ocean. Note the excellent appearance of the paint, even at difficult to protect areas such as stairs and handrails.*

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