



transocean coatings

TRANSUNILAC FINISH

alkyd

A single component alkyd topcoat for interior and exterior application.

- weather resistant
- high gloss level and gloss resistant
- easy to apply

Applicable as finish coating on bootops, topsides, decks and superstructures.

Product information 20 °C

Finish	High gloss (approx. 90 GU, depending on colour)
Colour	RAL-colour range
Mass density	approx. 1.1 kg/L (depending on colour)
Solid content	approx. 43 volume % (depending on colour)
VOC	approx. 473 gr./L (volatile organic compounds)
Recommended film thickness	30- 50 µm d.f.t. per layer 70-120 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 35 µm d.f.t. 12.2 m ² /L
Practical spreading rate	Depending on several factors like shape of object, profile of surface, method of application, application circumstances and experience. A few guiding principles are: Brush/roller 85 – 90% of the theoretical spreading rate Spraying 50 – 70% of the theoretical spreading rate
Flashpoint ISO 1523	Paint 40 °C Alkyd thinner 6.00 > 39 °C Alkyd thinner 96.00 36 °C
Dry temperature resistance	95 °C
Shelf life	At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot.

Drying/curing properties at substrate temperature:

	30 °C	20 °C	5-10 °C
For d.f.t. 50 µm			
Dust dry	4 hours	6 hours	10 hours
Manageable	18 hours	24 hours	30 hours
Recoatable:			
Minimum interval	12 hours	16 hours	24 hours
Maximum interval	Unlimited, provided that the surface is dry and clean Film thickness, ventilation, temperature and relative humidity are of great influence on the drying times.		
Transport and erection	When applied in high film thickness, easy damageable		



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Application instructions

Application conditions	During application and hardening the temperature should be above 5 °C to attain optimal performance.		
	The surface should stay dry and the temperature of the surface should be at least 2 °C above dew point.		
	During application and hardening in closed or small spaces, it is necessary to refresh the air continually to remove the solvent vapours, this because of drying, health and safety		
Usage information	Airless-spray	Airspray	Brush/roller
Type of thinner	thinner 96.00	thinner 96.00	thinner 6.00
Recommended thinner (depending on application and equipment)	0 – 10 vol. %	5 – 10 vol. %	0 – 5 vol. %
Nozzle orifice	0,28 – 0,33 mm 0,011 – 0,013 inch	1,5 mm	
Nozzle pressure	120 – 140 bar	2 - 3 bar	
Typical d.f.t.	50 µm	50 µm	35 µm
Cleaning of equipment	Alkyd thinner 6.00 or 96.00		

Surface conditions

Obtaining the highest possible quality of the applied product it is very important that the substrate is prepared carefully and correctly. The required surface roughness and a dry and clean substrate are the main parameters. Prior to application of the paint, the substrate must be examined according to the ISO standard 8504:2000.

All soluble salts, oil, grease, dirt and other contaminates must be removed prior to further surface preparation or paint application in accordance with SSPC-SP1 solvent cleaning.

- Steel Suitable primer or intermediate: Transogard primer, Transpoxy Intermediate, Transpoxy UniPrimer en Transpoxy ZP Primer.
- Repair and maintenance:
Clean the surface thoroughly with a suitable cleaning preparation or by steam cleaning.
Remove salts and other water-soluble impurity by spraying with clean tap-water under high pressure.
Remove rust a.o. by (water)blasting Sa 2½ / SSPC-SP-10
or derust mechanically until St. 2-3 / SSPC-SP2-3.
- Apply the recommended paint system on a clean surface.
- Mechanical or hand derusting gives less quality than (water)blasting and will result in less protection of the applied paint system.

Safety information

See safety data sheet

Ventilation precaution

Minimum required quantity of air to comply with:		
	MAC	10 % LEL
Transunilac Finish 3.31	m ³ /L	m ³ /L
Alkyd thinner 6.00	1320 m ³ /L	205 m ³ /L
Alkyd thinner 96.00	2085 m ³ /L	173 m ³ /L

MAC = Maximum Accepted Concentration
LEL = Lower Explosion Limit
Also consult the safety data sheets



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Worldwide availability

The product is part of the common Transocean product range but local availability is subject to confirmation. Although we strive to supply the same product through the world, slight modifications of the product in some cases may be necessary in order to comply with local conditions and/or national regulations. In such cases an alternative datasheet will be issued.

See also the corresponding documentation sheets (downloadable from www.zandleven.com)

- A 1 Labeling of paint products in the European Community
- A 2 Physical data
- A 4 General guidelines for steel preservation
- A 6 Pretreatment of construction steel
 - material safety data sheet
 - information hardeners and thinners
 - surcharge colour category
 - sales & delivery conditions

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These data have been drawn up to the best of our knowledge and were correct at the date of issue. However we cannot accept full responsibility, because the choice of products and circumstances during elaboration of the systems fall outside our judgement. **This documentation sheet will not automatically be replaced in case of modification.**

transocean coatings is a member of the zandleven groep
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