



Transpoxy ARC

The abrasion resistant coating without compromises.

Use it now and reduce your maintenance cost.

Transpoxy ARC is a high solids, self-priming buildcoat based on pure epoxy resins reinforced with extremely durable pigments. The polyamine curing agent was specially developed to provide a coating with an optimal cross-link density. The product is free of tar and isocyanates.

- ✓ Excellent corrosion protection and resistance against salt-spray and chemicals.
- ✓ Combines superior impact resistance with unrivalled abrasion resistance.
- ✓ Compatible with cathodic protection. Meets requirements specified in STG 2220.
- ✓ Exceptionally suitable for vessels trading in polar waters.
- ✓ Reduces the amount of repair works thus saving maintenance time and cost.
- ✓ Usage down to -5°C possible with special wintergrade version
- ✓ Can be applied by means of standard airless equipment.
- ✓ Meets stringent requirements for protection against corrosion under severe marine conditions and as specified in Norsok M-501 standard.



The results in tests and practice are both outstanding

Coating damage by impact and abrasion is an ever-recurring fact on vessels, offshore platforms and some industrial installations too. Typical threats for the coating on a vessel's outside hull are scraping of anchor chains, grounding and fender damage. Vessels trading in polar waters have to cope with even worse conditions as they sail through razor sharp ice floes.

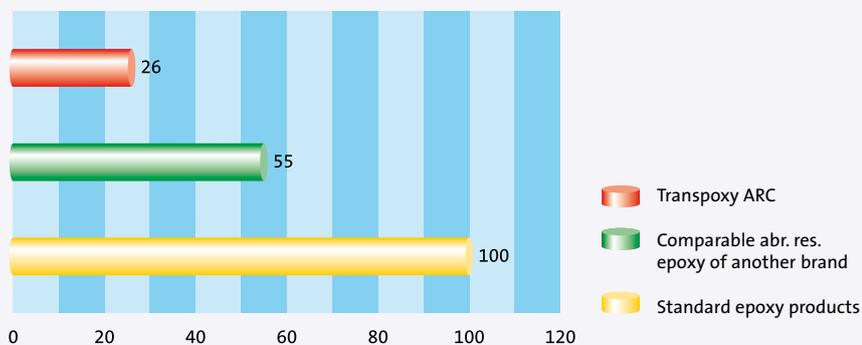
Coating damage leaves the underlying steel exposed resulting in corrosion and it may, long-term, lead to structural failure.

For many years Transpoxy ARC has helped operators to reduce the effects of abrasion. The excellent anticorrosive properties of Transpoxy ARC have been recognised by many shipowners and institutes alike.

Transpoxy ARC has been tested and approved by BAW, the German approval authority for submerged steel structures in harbours, canals and sluices. The products also meet the stringent test conditions of Norsok M-501. Whether Transpoxy ARC is applied to steel directly or on top of Transozinc Epoxy Primer, it has passed the test.

The abrasion resistance according ASTM D-4060 of Transpoxy ARC was measured by the Dutch TNO-Institute. The graph below gives the result after 1000 cycles. It may be clear that Transpoxy ARC out-performs other equivalent epoxy products available on the market.

Taber index (mg lost after 1000 cycles)



KEY PROPERTIES AT 23°C	ARC 222	ARC 224
Volume solids	65%	80%
Dry film thickness range	100 - 250 micron/coat	100 - 400 micron/coat
Dry to recoat	8 hours	8 hours

Transpoxy ARC is available in two versions, the regular volume solids Transpoxy ARC 2.22 and a high solids version, Transpoxy ARC 2.24



Redbrown



Grey



Black

The laughing dolphin guarantees worldwide local service. It's unique!

Since 1959, Transocean Coatings is active in the manufacture and supply of antifouling, anticorrosives and other coatings for commercial ships, pleasure crafts and steel structures onshore as well as offshore.

Extensive research and development work has provided Transocean Coatings with a series of products which professionals acknowledge to be complete and of high quality.

Transocean Coatings has a network of manufacturers, producing its range of coatings in some 40 countries and subsequently distributing the paints to all continents.

Manufacturing takes place using stringent formulations. Whether a product is supplied in Europe, Asia, North- or South America, in Africa or Australia, the quality is guaranteed identical. At any shore therefore, wherever in the world, you can rely on Transocean Coatings. And local service assures quick delivery of factory-fresh products at competitive prices. That's unique!

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