

Transoxy Masterbond

The versatile solution
for maintenance of ships
and steel structures.

It is common knowledge that a better quality of surface preparation results in a longer life time expectation of the coating system. Therefore, grit blasting or hydroblasting are usually preferred over mechanical surface preparation methods.

However, reality shows that blasting is not always possible or desired. Access, time and budget are just but a few of the reasons why surface preparation by using power tools such as wire brushes or sanding disks are the only feasible option.

Transoxy Masterbond was developed as an anticorrosive system not only on blast cleaned steel but also on power tool cleaned surfaces. This knowledge gives operators and owners peace of mind as only one type of paint is needed regardless whether blast cleaning or power tool cleaning is used as surface preparation method.

- ✓ Exceptionally suitable for general maintenance of all vessel areas. Upgrades existing paint systems. Tolerates a lower degree of surface preparation.
- ✓ Excellent corrosion protection and good resistance against impact and abrasion.
- ✓ Superior wetting and penetration properties. Compatible with firmly adherent, old coating systems.
- ✓ Can be recoated with various finishing systems. Can be applied by airless spray, roller and brush.
- ✓ Grain carriage certificate available. Does not contain tar and toxic pigments.
- ✓ Complies with VOC-regulations in the USA and UK.
- ✓ Usage down to -10°C possible with special wintergrade version.



WORLDWIDE NETWORK WITH LOCAL SERVICE

Superior performance in tests and practice.

The excellent anticorrosion protection of Transpoxy Masterbond was proved in a benchmark with other surface tolerant epoxy formulations. Rusted panels (grade

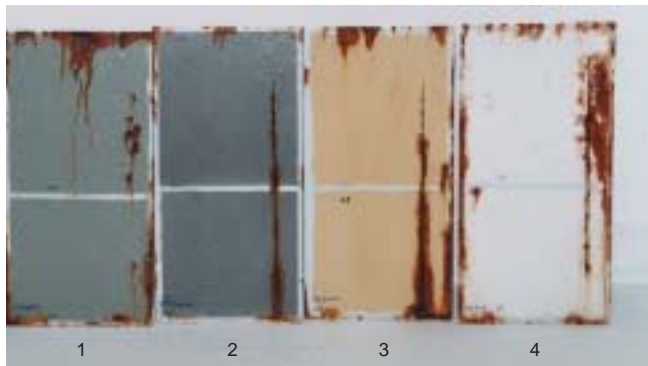


Protection from keel to rail

C - D) were washed with fresh water and prepared to ISO - St 2. Top part of each panel was painted with one coat of 200 µm dry film thickness (DFT) while on the bottom part 2 coats of 150 µm DFT each

were applied. A vertical scribe down to the bare metal was made in each panel and subsequently all panels were exposed to salt-spray according to ASTM B-117.

The picture shows Transpoxy Masterbond in the middle flanked with an experimental formulation and two competitor formulations after 3672 hours. From left to right;



1. Competitor formulation having blistering and some rust spots around the scribe.
2. Transpoxy Masterbond, no blistering and no rust spots around the scribe.
3. Experimental formulation with a single rust spot near the edge of the panels top part.
4. Competitor formulation showing some rust spots around the scribe on the top part of the panel.

The results show that Transpoxy Masterbond offers superior performance not only in tests but in practice as well as demonstrated by a selection of projects carried out with Transpoxy Masterbond.



30.000 sq. m of steel construction protected at the Arauco II plant in Chile.



New construction of conveyor belt

Maintenance of offshore structure. Both projects were carried out in Punta Arenas, Chile



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Across the world, Transocean Marine Paint is active in the manufacture and supply of antifoulings, anticorrosives and other coatings for ships, off-shore installations and containers.

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

Transocean Marine Paint has a network of manufacturers, spread over all the continents, producing its range of products.

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.

On any shore therefore, wherever in the world, you can rely on Transocean Marine Paint. And local service assures quick delivery of factory-fresh products at competitive prices.

That's unique!

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