

# Transpoxy Masterbond

## The versatile solution for maintenance of ships and steel structures.

**I**t 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.

Transpoxy Masterbond was developed as an anticorrosive system not only on blast cleaned steel but also on powertool cleaned surfaces. This knowledge gives operators and owners peace of mind as only one type of paint is needed regardless whether blast cleaning or powertool 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.



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# Superior performance in tests and practice.

**T**he excellent anticorrosion protection of Transoxy Masterbond was proved in a benchmark with other surface tolerant epoxy formulations. Rusted panels (grade

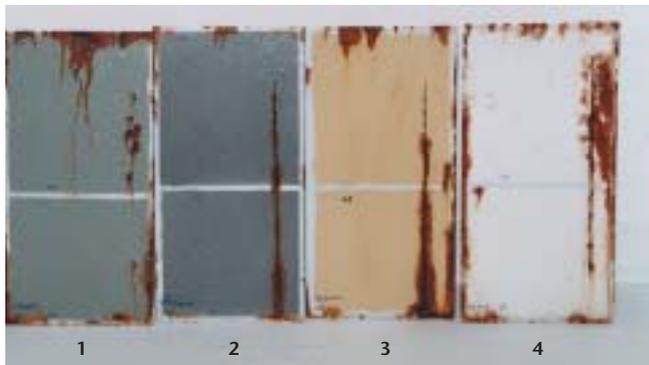


Protection from keel to rail

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  $\mu\text{m}$  dry film thickness (DFT) while on the bottom part 2 coats of 150  $\mu\text{m}$  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 Transoxy 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. Transoxy 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 Transoxy Masterbond offers superior performance not only in tests but in practice as well as demonstrated by a selection of projects carried out with Transoxy 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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