

# Trawlerdek Technical Data

## DESCRIPTION

Trawlerdek is a 3 component epoxy screed system for marine and offshore uses.

## APPLICATION PROCEDURE

Ambient temperature should be between 5°C and 30°C during application and cure. Dry weather conditions and a dry substrate are essential.

### Preparation

#### STEEL

Remove all rust, mill scale and surface contamination by grit blasting and other mechanical means to a bright rust free surface (SA2½).

Oil and grease contamination should be removed with a suitable cleaning fluid and the residue flushed off with water

Allow to dry thoroughly.

#### Priming

To avoid flash rusting of prepared surfaces, it may be necessary to apply a holding primer. This must be compatible with Resitech MP Primer.

Coat with an application of Resitech MP Primer. The primer is supplied in pre-weighed packages. It is essential that all of the curing agent, Pack A, is added to all of the resin component, Pack B, and that it is then mixed thoroughly for 60 seconds with a mechanical paint stirrer.

When fully mixed, the primer should be applied immediately to the prepared substrate by brush or roller.

The coverage rate of the primer is dependent upon the texture and porosity of the substrate, but will be in the range of 4-6m<sup>2</sup>/litre.

### Mixing and application

Trawlerdek is a 3 component system which is supplied in pre-weighed packages. It is essential that all of the curing agent, pack A, is added to all of the resin component, pack B, and mixed thoroughly in a forced action mixing vessel (pennine, daines, mixal or similar) for about 3 minutes. The graded filler component, pack C, is then gradually added whilst mixing continues for an additional three minutes.

The fully blended system is applied in one application, at the specified thickness, onto the wet primer using a steel trowel in order to obtain a tight, uniform surface appearance.

**Note:** repriming will be necessary if the primer is allowed to dry.

## COVERAGE & CURE

A 29.5kg unit of Trawlerdek will cover approximately 2.5m<sup>2</sup> at thickness of 5mm.

Curing times :	Initial set @ 20°C	8 hours
	Open to traffic @ 20°C	24 hours

## TYPICAL PROPERTIES

Relative density at 20°C	2.2
Tensile properties to BS 2782 Pt3 after curing for 14 days in air	
Tensile strength	20 N/mm <sup>2</sup>
Elongation at break	7% min
Adhesion to steel to BS 24624:1993, pull-off Test at 5 days	5 N/mm <sup>2</sup>

## PACKAGING

Supplied 29.5 kg units and 3 Components. Packaging is in 1litre and 5litre pots and 25kg bag.

## HEALTH AND SAFETY

Refer to separate safety data sheets for packs A, B&C.

The logo for Optus, featuring the word "Optus" in a stylized, red, cursive font.

Surface Maintenance systems

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