

Featherdek Technical Data

DESCRIPTION

Two component epoxy resin underlayment for marine applications.

APPLICATION PROCEDURE

Ambient temperature should be between 10⁰C and 30⁰C during application and cure.

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 Optus Resitech MP Primer.

Coat with 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 - 6m²/litre.

Mixing and application

Featherdek 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 (eg. 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 float.

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

COVERAGE & CURE

Coverage depends on depth. As a guide, coverage is approximately 2.1m²/10kg at a depth of 5mm.

Cure times vary depending on ambient and surface temperature and depth.

PACKAGING

Supplied in 10 kg units (3 components).

HEALTH & SAFETY

Refer to Health and Safety Data Sheets for each component of this product.



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