



INFORMATION GUIDE

STEEL

INTRODUCTION

NOTE: If you are painting a steel vessel please refer to our information guide “Painting Steel Boats”

Painting any steel surface requires absolute dedication in the preparation stage to ensure a long-lasting finish coat.

PREPARATION

To get good adhesion, the surface must be cleaned, preferably to white metal, then primed immediately. This can be done by sandblasting, soda blasting or mechanical abrasion using 80-120 grit sandpaper and finishing with 240 grit sandpaper.

The surface should not be touched with a bare hand and kept away from any moisture. If using a wire brush, ensure there are no filaments left on the surface that can rust in the future below the paint film. The surface should be cleaned with Norclean-Plus immediately prior to coating. *Note: If a large area is to be painted this should be done in stages.*

SELECTING A PAINT SYSTEM

There are two systems that can be used.

The single pack system. For this you would use NORGLASS ALL SURFACE PRIMER with a minimum of 3 coats, followed by WEATHERFAST as the finishing coat, with a minimum of two coats. You should lightly sand between all coats with 240 grit sandpaper, followed by a clean with NORCLEAN-PLUS before applying the next coat.

The two-pack system: This is the premium system and is recommended for better longevity of the finish coat. Initial priming should be done using NORSHIELD EPOXY PRIMER, recommended 3 coats. Note: Norshield is a red primer, if the desired finish coat is white, 1 coat of shipshape white should be used before the finish coat is applied. This will stop any bleed through of the red pigment which could turn the finish coat slightly pink.

Multiple coats of primer are recommended to totally encapsulate the surface, so a corrosion process does not start.

Filling of the surface can also be an important factor if required. Filling should be done after the first coat of primer and Norglass have made a special filler for this application called NORFLEX EPOXY FILLER. This has been designed to flex with the natural movement of steel.

The finish coat for the two-pack system is NORTHANE. This paint is highly durable, chemical resistant and most importantly, flexible for the expansion and contraction of steel. Northane is available in a range of colours and can be factory tinted to most other brands.

Both systems can be brushed, rolled and sprayed with the appropriate thinners but the primers in both instances must be cured before applying the topcoat.