



EP-21
Ablative
Bottom Paint

FEATURES	RECOMMENDED USES
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- No copper or tin compounds
- Economical
- Hauling and relaunching should not affect coating performance

EP21 is recommended for use on aluminum vessels.

SPECIFICATION DATA	
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Coating Type Copper and TBT-free ablative matrix vehicle

Colors **E Paint Number**

Gray EP-701
White EP-401

Packaging Single component material
5,1 Gallon and 1 Quart containers.
4 gal/case, 6qt/case

Flash Point 70°F(21.1°C) Setaflash

Thinner Not Recommended
Clean up with mineral spirits.

Shelf Life More than 2 years.

Density (average) 13.1-14.7 lbs/gallon

Dry-to-Recoat

Minimum 4 hours at 70°F(21°C)
Maximum not critical

Dry-to-Launch

Minimum 15 hours at 70°F(21°C)
Maximum not critical

Solids by Weight 70.6-77.2%

Solids by Volume 46.3-53.7%

Theoretical Spreading Rate

300 Sq.Ft/Gal at 3-4mil dft.

Recommended Film Thickness Per Coat

4-6 wet mils to obtain 2-3 dry mils

Recommended Number of Coats

3 coat minimum

Application

Brush, Roller, or Spray

APPLICATION GUIDE

SURFACE PREPARATION

EP21 is designed to go over any properly prepared surface. Do not apply EP21 over soft abrasive coatings or unprimed metal. EP21 is compatible with most anticorrosive coatings, but consult your E Paint Company Representative for recommendations regarding specific product compatibilities.

NOTE: Due to the nature of photoactive paints, darker colors may require periodic maintenance scrubbing.

Previously Painted Surfaces

EP21 may be applied over some existing antifouling systems but consult your E Paint Company Representative for recommendations regarding compatibility. The old antifouling paint must be secure, intact, and hydroblasted clean. Any loose or flaking material should be removed by sanding, hydroblasting, or washing the surface with vigorous abrasion. Wipe surface with acetone to remove stubborn contaminants and sanding debris. Exposed metal surfaces should be reprimed before recoating. To renew old EP21, sand lightly to roughen its surface and then apply new EP21 as per the instructions contained in this bulletin.

Unpainted Surfaces

Metal surfaces should be properly cleaned and primed before applying EP21. Corrosion-inhibiting epoxy primers are recommended to afford better protection to the hull. Consult your E Paint Company Representative for recommendations regarding epoxy primers. Follow the manufacturer's recommendations for dry times, film thickness, and overcoating instructions. Apply EP21 when the last coat of epoxy is tack free but still soft to finger pressure. A mist coat (0.5-1.0 mils wft) should be applied prior to the application of the recommended three coat minimum. A thin mist coat is applied initially to facilitate the adhesion and wetability of the following coats. If the epoxy has cured too hard, apply another thin coat of epoxy within recommended recoat intervals, then apply EP21.

MIXING AND THINNING

Power shake EP21. If power shaker is not available, thoroughly mix the product until a homogenous blend results. Thinning is not recommended.

APPLICATION

EP21 is formulated for easy traditional painting techniques. Only apply EP21 to clean, dry, well-prepared surfaces. Apply a minimum of three coats of EP21. Film thickness control is critical. **Service life is a direct function of film thickness.**

See specification data for data dry and launch times. Cooler temperatures may require increasing the minimum times between coating and launching.

PRECAUTIONS

See the material safety data sheet and product label for complete safety and precaution requirements.

Warning! DO NOT incorporate into this E Paint coating any thinner, additive, modifier, converter, or related product by any manufacturer other than E Paint. Any such substitution can jeopardize the unique chemical characteristics of the E Paint product.

DISCLAIMER: Any recommendations of E Paint Company contained herein, covering use, utilization, chemical, or physical properties and other qualities of the products sold are believed to be reliable; however, E Paint Company makes no warranty or representation with respect thereto. Use or application of any E Paint Company products are at the discretion of the Buyer without liability to or obligation whatsoever of E Paint Company, Inc.

E Paint Company, Inc.
25 Research Road
E. Falmouth, MA 02536
USA
800-258-5998/508-540-4412