

**PRODUCT NAME****K Type Polyurethane Paint**

<b>Issue Date</b>	07/15/02
<b>Formula Number</b>	6400/6500 Series
<b>Product Codes</b>	2062, 2072, 2082, 2102, 2112, 2122, 2132
<b>Printed Date</b>	Thursday, August 05, 2004
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**HMG PERFORMANCE COATINGS LLC**  
**PO BOX 313**  
**ROEBUCK, SC 29376**  
**TEL: 1-864-578-6770**  
**www.hmgmarine.com**

**PACKAGING**

Available in 1 liter cans

**PRODUCT FUNCTION**

K TYPE POLYURETHANE is a tough and durable polyurethane enamel for marine topside and interior applications where the use of 2K systems is impractical or undesirable.

K TYPE POLYURETHANE combines a long wet edge time with quick through drying allowing the largest of vessels to be brushed or sprayed without dusty overspray problems.

K TYPE POLYURETHANE is based on a unique specially formulated blend of polyurethane and chain stopped alkyd resins leading to excellent gloss retention, abrasion resistance, adhesion, toughness, durability and chemical resistance.

A particular feature of K TYPE POLYURETHANE is its good resistance to yellowing in white and pastel shades combined with excellent light fastness and hiding power making it very economical in general usage.

It is also possible to accelerate the drying time and improve mechanical properties by the addition of HMG Zip Hardener.

**TECHNICAL INFORMATION**

Solids	Approximately 40% to 55% dependent on color
Flashpoint	Above 90°F
Specific Gravity	0.90 to 1.30 approximately dependent on color
Temp Resistance	250°F
Storage	12 Months in original sealed containers

**APPLICATION AND USAGE DATA**

Touch dry	2 hours @ 72°F
Hard dry	8-16 hours @ 72°F
Thinner/Reducer	K Type Reducer
Overcoating	4 hours minimum, maximum indefinite
Eqp. Cleaning	HMG K Type Reducer or mineral spirits
Max dilution	Up to 20% with K Type Reducer
Film thickness	2 Mils WFT gives approximately 1 mil DFT
Coverage	800 Sq/ft per gallon (theoretical)
VOC	385g/l depending on color
Sanding	Wet sand after 8hours and dry sand possible after 18 hours

**COLOR RANGE**

Stock: Bikini Blue, Black, Jade Green, Platinum, Red, White, Matterhorn White, Yellow, &amp; distributor matched custom colors where available.

**SPECIAL PROPERTIES**

- Good long wet edge / through dry / excellent durability and abrasion resistance.

**Visit [www.hmgmarine.com](http://www.hmgmarine.com)**

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The logo for HMG Performance Coatings LLC, featuring the letters 'HMG' in a bold, white, sans-serif font. The letters are set against a dark red background that is part of a larger horizontal bar extending across the top of the page.

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## PREPARATION

May be applied over most well prepared HMG build systems including synthetic primers / undercoats / HMG 2 pack primers or may be directly applied over suitably prepared wood, fiberglass, aluminum and steel surfaces. Follow directions on the data sheet for surface preparation. K Type polyurethane paint performs particularly well when HMG Epi-Prime Epoxy primer is initially used.

## HOW TO USE

- |   |                                 |                                    |
|---|---------------------------------|------------------------------------|
| <input type="checkbox"/> Airless            | <input type="checkbox"/> Brush  | <input type="checkbox"/> HVLP      |
| <input type="checkbox"/> Conventional Spray | <input type="checkbox"/> Roller | <input type="checkbox"/> Paint Pad |

## APPLICATION

K TYPE can be applied by spray, brush or roller. Conventional spray is best approximately 30 - 50 seconds Zahn 2 Cup @ 72°F., which is generally achieved by the addition of 20% of HMG K Type Reducer.  
Hot Spraying: This is best carried out @ 120-140°F, no thinner is normally required although up to 10% of K Type Reducer may be used in hot weather.  
Brushing: K TYPE gives excellent brush ability due to its long wet edge time. HMG K Type Reducers can be used to increase the wet edge over very large panel areas and is always recommended at 10-20% addition.  
Roller: Up to 10-20% of HMG K Type Reducer may be added to facilitate easier rolling.

## HEALTH AND SAFETY

- Refer to MSDS and can label prior to use.
- The product contains white spirit and presents an aspiration hazard.
- Respiratory protection should be worn when spraying.
- **KEEP OUT OF REACH OF CHILDREN.**

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