

**PRODUCT NAME****14 Line Polyurethane****HMG PAINTS LTD**

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**Page** 1

**PACKAGING**

Available in 25 litre &amp; 200 litre.

**PRODUCT FUNCTION**

14 Line Polyurethane is a tough and durable polyurethane fleet enamel for commercial and high quality industrial finishing of all types.

14 Line Polyurethane combines a long wet edge time with quick through drying allowing the largest of areas to be sprayed without dusty overspray problems, but at the same time yielding rapid taping and processing times for realistic second colour and sign writing applications.

14 Line 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 14 Line Polyurethane is its high build and ease of application in hot spray situations.

14 Line Polyurethane finds uses in the decorative field including interior and exterior wood finishing and also in other applications where its great abrasion resistance, toughness and gloss retention properties make it a popular choice.

**TECHNICAL INFORMATION**

Solids Approximately 52 to 57% dependent on colour  
 Flashpoint Above 32°C  
 Specific Gravity 0.90 to 1.30 approximately dependent on colour  
 Viscosity 2 - 3 poise ICI Cone and Plate  
 Temp Resistance 120°C  
 Storage 12 months in original sealed containers

**APPLICATION AND USAGE DATA**

Touch dry 1½-2 hours  
 Hard dry 8-16 hours  
 Thinners THINNER 2612  
 Overcoating 16 hours minimum, maximum indefinite  
 Eqp. cleaning GUNCLEANER 401  
 Max dilution Up to 30% with thinners  
 Film thickness 50 microns WFT gives approximately 25 microns DFT  
 Coverage 10 square metres per litre (theoretical)  
 VOC 420g/l RFU

**COLOUR RANGE**

All Car, Commercial, Fleet BS, RAL, European Standards and many other colours can be matched to pattern.

Also, to meet with individual requirements, all levels of sheen can be achieved.

**SPECIAL PROPERTIES**

- Good long wet edge / through dry / excellent durability and abrasion resistance.
- 14 Line Polyurethane can be cross-linked with ZIP Hardener to produce an extremely tough, chemically resistant and abrasion resistant coating. ZIP Hardener is an isocyanate based hardener. The mixing ratio for this system is 10:1 14 Line Polyurethane : ZIP Hardener.
- Compliant coating (<420 g/l) when mixed with up to a maximum of 10% thinner

**PREPARATION**

May be applied over most well prepared HMG build systems including Synthetic BDX Primers / CT primers / HMG two pack primers.

**Technical Data Sheets are also available on our website at [www.hmgpaint.com](http://www.hmgpaint.com)**

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## PRODUCT NAME

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Page	2

## HOW TO USE

- |  |   |  |   |
|--|---|--|---|
| <input checked="" type="checkbox"/> Airless            | <input checked="" type="checkbox"/> Brush | <input type="checkbox"/> Electrostatic     | <input checked="" type="checkbox"/> HVLP      |
| <input checked="" type="checkbox"/> Conventional spray | <input type="checkbox"/> Dipping          | <input checked="" type="checkbox"/> Roller | <input type="checkbox"/> See application data |

## APPLICATION

14 Line Polyurethane can be applied by spray, brush or roller. Conventional spray is best at approximately 35-50 seconds. B4 Ford Cup @ 20°C., which is achieved by the addition of 20% of THINNER 2612.

Hot Spraying: This is best carried out @ 50-60°C., no thinner is normally required although up to 10% of THINNER 2612 may be used.

## HEALTH AND SAFETY

- Refer to health and safety data sheet and tin label prior to use.
- The product contains white spirit and presents an aspiration hazard.
- Respiratory protection should be worn when spraying.
- When using as a 2 pack the material contains isocyanate and air fed respiratory protection should be worn when spraying.

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