

# RAPID FLOOR PAINT PW74



## A high performance single pack moisture cure polyurethane floor coating

### Recommended Areas of Use

Interior concrete, wood or steel floors requiring a tough, quick drying, hard wearing flexible floor coating with good chemical and excellent water resistance. Can be used with Bradite Low Slip Additive LS30 to provide additional under foot traction (see Notes section for more details). This product is intended for professional use only.

### Certificates & Approvals

Manufactured under the auspices of an ISO 9001:2008 quality & ISO 14001:2004 environmental management systems.

2004/42/EC EU limit value for this product (cat.A/l sb): 500g/l (2010). This product contains max.300g/l VOC

### Properties

<b>Gloss</b>	Full (> 75%)	<b>Surface dry</b>	2 hours
<b>Theoretical Coverage</b>	10 m <sup>2</sup> /L/coat	<b>Minimum over coating time</b>	8 hours minimum
<b>Recommended number of coats</b>	2 full coats (on bare absorbent surfaces, apply a 15-20% thinned priming coat first).	<b>Maximum over coating time</b>	16 hours maximum (After 16 hrs, coating should be abraded)
<b>Density</b>	1.07 kg/L	<b>Minimum application conditions</b>	Down to -5°C (but must be 3°C above dew point)
<b>Volume solids</b>	69%	<b>Time to light traffic</b>	24 hours minimum, after final coat
<b>Flash point (Abel closed cup)</b>	26°C	<b>Full cure</b>	7 days
<b>VOC</b>	276 g/L	<b>Shelf life</b>	6 months minimum in original unopened containers.
<b>Thinner / Cleaning</b>	Bradite Thinner TP33	<b>Colour range</b>	Bradite Floor Paint Colours, RAL, British Standard
<b>Recommended wet film thickness</b>	100 microns/coat	<b>Recommended dry film thickness</b>	69 microns/coat

### Suitable Surfaces

For internal steel, wood, concrete and other absorbent mineral substrates which are free of contamination, dust, efflorescence and have been properly prepared and primed. Compatibility with existing coatings should be confirmed by preparing and painting a test patch. [Note, not suitable for applying over asphalt, bitumen, epoxy tar, alkyd, chlorinated rubber or vinyl based paints.]

## Application Information

Application and use should always conform to the codes of practice described in BS 6150 and BS 5493.

**Brush and Roller** - Supplied ready for use. Thin, if required, with 0 - 5% Bradite thinner TP33.

**Conventional Air Spraying / Airless Spraying** - Not recommended.

## Specification

### Preparation:

Substrates should be dust free and completely dry before coating. When painting concrete it is vital to ensure that the substrate is completely dry and free of laitance. Power floated, shiny or unpainted non porous concrete floors should be thoroughly vacuum blast cleaned to a roughness profile of 30-50 microns, or acid etched using Bradite TA37, or primed using Bradite Floor Primer ES40. Please consult the product data sheet for more details.

High pressure water cleaning should be utilised to remove all loose and flaking paint and contamination back to a sound substrate. Bradite TD39 industrial strength detergent should be used if necessary to remove all grease and oil.

Intact areas of existing coatings should be roughened by abrasive manual or disc rubbing and feathered back to a sound coating edge. Cracks and pits should be filled using a suitable screed or mortar before painting. Substrate should be dust free and completely dry before coating.

### Cleaning

Clean all equipment immediately after use with Bradite Thinner TP33 for best results.

### Painting System

For application on concrete, wood or other absorbent substrates, the first coat should be thinned 10-20% with Bradite Thinner TP33 to allow penetration into the substrate.

1st coat	Bradite Rapid Floor Paint PW74 (thinned)
2nd coat	Bradite Rapid Floor Paint PW74
3rd coat	Bradite Rapid Floor Paint PW74

For maintenance painting the 1st coat will be a touch up to bare areas only.

While the floor will take light foot traffic after overnight drying, full cure may take 4 days at 20°C, and should not be subject to heavy traffic for at least 48 hours. Please note that drying/curing times will vary depending on film thickness, temperature and relative humidity.

Due to the rapid drying of Bradite Rapid PW74 it is advised that once opened the can should not be resealed.

### Notes

Bradite Rapid Floor Paint PW74 is suitable for use with Bradite Low Slip Additive LS30, which can be incorporated into the paint:

- Incorporation

Bradite Low Slip Hard Aggregate LS30 should be added to the paint and mixed thoroughly just before use at a rate of 1 x 250ml LS30 tin (400g) per 5 litre of paint.

The end user and applicator must ensure that the finished floor is safe against slips in all likely usage conditions.

Be aware that hot high performance or new tyres may cause slight discolouration of very new coatings at the point of contact. This effect is very rare but may be noticeable in light colours and is due to the migration of rubber compounding materials into the surface of the coating.

As with all aromatic moisture cure prepolymers, direct exposure to sunlight will cause yellowing. This effect will be most noticeable in light colours and the degree of yellowing will be in proportion to the amount of direct sunlight exposure.

On completion of new projects, always follow the minimum cure time guidelines and allow hot tyres to cool down before driving the vehicle onto the coating. If in doubt, please contact us for further advice.

## **Summary Safety Information**

Always refer to the Health and Safety sheet for the product before use, and observe the warning phrases on the label.

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