

Little Greene®

— PAINT & PAPER —

INTELLIGENT FLOOR PAINT

DESCRIPTION

A high-performance ambient cross-linking water based acrylic finish with excellent wash, wear and mild chemical resistance. Recommended for concrete and wooden floors that are subject to light to medium traffic.

PROPERTIES

Gloss Level	Semi-gloss (30-40%)
Theoretical coverage	12 square meters per litre (varies with surface porosity & texture)
Recommended film thickness	38 microns dry, per coat.
Recommended number of coats	2
Surface dry	1-2 hours

Time to recoat**	4 hours minimum
Volume solids	46%
Colour availability	All Little Greene colour card colours**
Pack size availability	1 Litre, 2.5 Litre
Time to light traffic	24 hours minimum
Full Cure	7 days minimum

** Complete cure (drying) of the coating can take up to several days, depending on the film thickness applied and the ambient drying conditions at site. The coating should not be exposed to heavy surface condensation before it is completely dry as this can cause permanent surface marking.

APPROVALS & STANDARDS

Manufactured under the auspices of ISO 9001:2015 quality & ISO 14001:2015 environmental management systems.

BS EN71-3:2019 Safety of toys. Specification for migration of certain elements. (Test certificate available upon request)

2004/42/EC EU limit value for this product (cat. A/i WB): 140g/l (2010). This product contains max.1g/l VOC

This product has been tested under the regulations outlined in French Indoor Air Quality Decree No 2011-321 – Arrete April 2011 and was awarded a C.

SURFACE PREPARATION

New wood: For soft woods, knots should be sealed with Little Greene Aluminum Wood Primer to prevent staining. Apply one thinned coat of Intelligent ASP to allow penetration into substrate, followed by the recommended two full coats of Intelligent Floor Paint. Resinous hard woods require cleaning and treatment with Little Greene Aluminum Wood Primer (consult the relevant product data sheets for further details). Little Greene Intelligent ASP should follow Aluminum Wood Primer.

Ensure moisture content of the timber is below 15% before commencing application. Damp wood should never be painted as this may give rise to blistering, flaking, cracking and premature coating failure.

Green oak should not be painted unless it has been weathered for at least 6 months.

Metals: Ferrous and Non-Ferrous metalwork should be hand, or mechanically cleaned, to remove any surface rust before application of Little Greene Intelligent ASP, followed by 2 coats of Intelligent Floor Paint.

Existing paint finish: Remove all loose and flaking paintwork. Degrease with a suitable detergent solution, such as sugar soap, followed by clean water rinse. Rub down thoroughly with a medium grade sand paper to provide a key and a defect free smooth surface, "feathering in" areas where paint has been removed. Make good any repairs, sand and apply primer to exposed surface as appropriate.

Concrete: Brush or vacuum clean surface to remove dust. If concrete has been power floated, the surface must be either vacuum blasted or treated with a proprietary acid etch solution, to produce a profile, prior to painting. Minor surface contamination, such as oil spots, maybe resolved through flame treatment. Thin the first coat with ~15% v/v water to allow penetration into the substrate then apply two full coats.

Natural stone: Porous stone maybe treated as per instructions for concrete. This product is not recommended for painting directly to non-porous granitic masonry.

APPLICATION

Stir thoroughly before use. Do not apply to surfaces when the ambient temperature is below 8°C.

Brushing: Use a high quality synthetic bristle brush that is suitably sized for the project at hand. New brushes should be conditioned by washing in clean water and thoroughly drying with a clean, lint free, cloth.

Avoid immersing brush too far into the paint to prevent paint from entering the ferrule. Avoid drips and splashes by not overloading the brush. Apply paint in even strokes and only extend painting area such that a wet edge can be easily maintained. For the highest quality appearance, keep final brush strokes all in the same direction and never go over paint that has already begun to dry.

Disclaimer - The information on this data sheet is correct to the best of our knowledge and experience. The Little Greene Paint Company reserves the right to modify data contained herein, without notice. The information supplied does not absolve users from responsibility to carry out their own tests and experiments, not does it imply any legally binding assurance of certain properties or suitability for any specific purpose. Conditions of service and application may be beyond our control, so no liability whatsoever can be accepted on the basis of the information supplied herein.

The Little Greene Paint Company Limited, The Coach Works, 420 Ashton Old Road, Manchester M11 2DT, England.

Tel: 0845 880 5855 (UK) Tel: +44 161 23 00 880 (Overseas) Fax: 0845 880 5877 (UK) Fax: +44 161 22 33 208 (Overseas)

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Roller: Use a short nap wool type sleeve for best appearance on smooth surfaces. Increase nap length for textured surfaces, as appropriate, to ensure even and thorough coverage. Keep final strokes all in the same direction, maintaining a wet edge throughout. Never be tempted to go over already drying paint as this will lead to lap marking and flashing.

Spray Finishing:

Conventional

Thin with up to: 5-10% Water
Tip size: 1.60 to 2.00 mm (62 to 78 thou)*
Air pressure: 0.28 to 0.41 MPa (40 to 60 psi)

Airless

Thin with up to: 0-10% Water
Tip size: 0.28 to 0.54 mm (11 to 21 thou)*
Pressure at tip: 12.6 to 19.6 MPa (1800 to 2800 psi)

*These are recommended guidelines for tip size.

ANTI-SLIP

Incorporation of an anti-slip aggregate is essential for safety critical areas, such as external stairways, steps and floors that are frequently wet. The aggregate used should be dry, rounded and have a particle size between 0.1 to 0.3mm. The dosage rates given provide a moderate to heavy anti-slip texture. Use Little Greene LS30 Aluminium Oxide.

Incorporation method: Add 400g to 1000g/5L of a dry aggregate and mix thoroughly immediately before use.

CLEANING

Remove excess paint and clean all equipment using clean water immediately after use. Never store brushes or roller sleeves in water as this will result in deterioration of their application performance.

STORAGE & SHELF LIFE

Store unused paint in a cool, dry, frost free area away from direct sunlight. Ensure tin lids are securely and correctly replaced after use. When unopened and stored under the conditions above, this product is stable for a minimum period of two years.

AFTERCARE

Cleaning: For light surface soiling; use a dilute, lukewarm solution of domestic washing up liquid or non-polishing floor cleaner and a clean sponge or lint free cloth. Ensure sponge mop or cloth is well wetted (but not dripping), wash the affected area and repeat as required.

To help prevent general build up, keep your home well ventilated during activities likely to contribute to oil and grease accumulation, like cooking. Tackle dust generated from DIY by, preferably, collecting at source or thorough vacuum cleaning.

To prevent marking, always use a soft brush attachment to vacuum clean floors and adjacent surfaces.

Special Care: Avoid placing heavy objects onto surface for at least a week after painting. Polishing floor cleaners should be avoided as this may produce a dangerous high slip surface.

Repair: Lightly rub down area to be repainted, apply a suitable primer to any exposed substrate. Repaint item "break to break" with one or two coats as required. Inferior aesthetic results will likely be achieved with just spot repairs.

DISPOSAL & RECYCLING

Dispose of excess or waste paint via a licensed waste handling operator. Empty metal containers may be recycled (remove plastic handle on 2.5l tins).

HEALTH & SAFETY

Always read the label on the can before use. Ensure maximum ventilation during application and drying. Consult product material safety data sheet for further details.

The user and applicator must ensure that the finished floor is safe against slips in all likely usage conditions (see anti-slip section).

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