

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*	Theoretical coverage	Recommended film thickness	Recommended number of coats	Surface dry	Time to recoat
Semi-Gloss (35%)	12m ² per litre (varies with surface porosity & texture)	38 microns dry, per coat.	2	1-2 hours*	1-4 hours minimum*
Volume solids	Colour Availability	Available pack sizes	*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.		
46%	All Little Greene colour ranges	2.5, 1 Litre			

Approvals & Standards:

Quality Control:

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

Child Friendly:

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

VOC Content:

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

Indoor Air Quality:

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

Wash/Scrub Resistance:

This product has been tested under the regulations DIN EN 13 300 and has been classified; Wet scrub resistance – Class 1. Gloss – Mid Sheen. Contrast Ratio – Class 1. Largest Grain Size – Fine.

Surface Preparation:

General: Remove any surface imperfections and repair any defects to ensure a premium finish.

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: New 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 a thinned down coat 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 clean 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.

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Application:

Stir thoroughly before use. Do not apply to surfaces when the ambient temperature is below 8°C or if there is a risk of rain during application or drying. To obtain a good flow apply generously avoiding runs and sags.

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.

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% (v/v) 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% (v/v) 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.

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 and a clean sponge or lint free cloth. Ensure sponge or cloth is wet (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 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 suitable primer to any exposed substrate. Repaint item "break to break" with one or two coats as required. Spot repairs will almost always result in inferior aesthetic appearance.

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.

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.

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