

Illumitex® Standard Lacquer

PRODUCT INFORMATION

Reference:

Gloss Lacquer.

Coating type:

Acrylic copolymer.

Typical uses:

Solvent based hard-wearing chemical resistant varnish/ sealer coat for interior and exterior use. Maybe used as an overcoat/sealer coat for decorative paint systems to provide an easily cleaned and hygienic surface finish.

Colours available:

N/A

Appearance:

Gloss.

Features and benefits:

- Hard-wearing for excellent performance

TECHNICAL INFORMATION

Theoretical coverage:

10m² per litre at 30 microns dry film thickness.

Coverage will vary depending on factors such as applied coating thickness, porosity, and texture of the substrate.

Film thickness:

	Wet film thickness	Dry film thickness
Typical:	150 microns	30 microns
Range:	125-175 microns	25-35 microns

V.O.C.:

651g/m³/litr EPA Method 24.

784g/m³/kg calculated from formulation to satisfy EU.

Solvent Emissions Directive.

% Volume solids:

18% calculated from laboratory formulation.

Drying time:

Temp.	Touch Dry	Firm dry	Overcoat
5°C	75 mins	5-6 hrs	When firm dry
10°C	60 mins	4-5 hrs	When firm dry
15°C	45 mins	3-4 hrs	When firm dry
20°C	30 mins	2-3 hrs	When firm dry

Drying time will vary with temperature, air movement, etc.

SURFACE PREPARATION

Lacquer preparation before use:

Make sure that the lacquer is stirred well before use, to ensure the lacquer is mixed well and until the lacquer has a good consistency.

Mixing ratio by volume:

N/A

SURFACE PREPARATION (Continued)

Surface preparation:

Prior to the application of Illumitex Lacquer, the surface must first be gently rubbed down with medium grade sandpaper or a stiff brush to remove any loose or protruding particles of flake.

Illumitex Base Coat with flakes applied should be clean, dry, and free from contamination before the lacquer is applied. Prior to lacquer application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

APPLICATION

Application conditions:

This material should preferably be applied at temperatures more than 10°C. Relative humidity should not exceed 90% and in these conditions good ventilation is essential. Substrate temperature should be at least 3°C above the dew point and always above 0°C.

At application temperatures below 10°C, drying and curing times will be significantly extended.

Brush & Roller application:

Apply evenly with a full wet brush and roller.

Clean-up:

All surplus product should be disposed of in accordance with appropriate regional regulations/legislation.

STORAGE AND PACKAGING

Storage:

Under cover within temperature range of 5°C to 32°C. Keep containers dry and tightly sealed to avoid moisture contamination.

Shelf life:

2 years maximum in unopened container when stored under cover within a temperature range of 5°C to 32°C.

Pot life (at 20°C):

N/A

Packaging:

2.5 Litre containers.

HEALTH AND SAFETY

Please refer to the following data sheets:

Illumitex Lacquer

It is recommended that Illumitex is applied by a trained and professional decorator.

All work involving the application and use of this product should be performed in compliance with all relevant national, health, safety & environmental standards, and regulations.

ADDITIONAL NOTES

The information given above is intended as a guide only. As conditions vary from job-to-job, it is the applicators responsibility to ensure all equipment in use has been set up to give the best results.

IMPORTANT INFORMATION

The information supplied in this product datasheet is not intended to be exhaustive. Any person using the product for any other purpose than that specifically recommended in this product datasheet, without first obtaining written confirmation from Ilumitex Technical Services as to the suitability of the product for the intended purpose does so at their own risk. All advice given about the product is correct to the best of our knowledge, however we have no control over the condition of the substrate, preparation or the many factors affecting the use and application of the product. Therefore, unless specifically agreed in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product.

Ilumitex warrants its products to be free from defects in material and workmanship. Ilumitex's obligations and buyer's exclusive remedy relating to the products shall be limited, at Ilumitex's option, to either replace the products not conforming the warranty or the credit of the buyers account in the invoiced amount of the non-conforming product. Any claim under this warranty must be made by the Buyer to Ilumitex in writing within five (5) days of the Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. The Buyer's failure to notify Ilumitex of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

The information detailed in this datasheet is liable to modification from time-to-time in the light of experience and our programme of product development. Before use, it is the customers responsibility to check with Ilumitex Customer Services, quoting the product reference number and version reference at the bottom of the data sheet, to ensure that they have in their possession the latest issue.

Technical product datasheets are available from our website at www.ilumitex.co.uk, and should be the same as this datasheet. Should there be any discrepancies between this document and the website version, then please contact Ilumitex Customer Services.

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