

Ilumitex® Base Coat

PRODUCT INFORMATION

Reference:

Ilumitex Base Coat.

Coating type:

Vinyl emulsion.

Typical uses:

A specially structured low odour emulsion paint designed to give optimum film build to receive dry PVA flakes onto the Base Coat whilst it is still wet. When dry overcoat with water or solvent based Ilumitex lacquer to produce a smooth, easily cleaned surface.

Colours available:

Ilumitex Base Coat is available in a full range of colours. Bespoke colours are also available upon request. Ilumitex Lacquers are available in water-based and/or solvent-borne gloss lacquer.

May be subject to minimum order quantities.

Appearance:

Low sheen.

TECHNICAL INFORMATION

Theoretical coverage:

5m² per litre.

Coverage will vary depending on factors such as applied paint thickness, porosity, and texture of surface.

Recommended Topcoats:

Ilumitex Clear Lacquer.
Ilumitex Standard Lacquer.
Ilumitex Two Pack Water Based Clear Lacquer.

V.O.C.:

127g_m/l_{tr} EPA Method 24.
105g_m/k_g calculated from formulation to satisfy EU.
Solvent Emissions Directive.

% Volume solids:

29% calculated from laboratory formulation.

May vary with colour.

Drying time:

Temp.	Touch Dry	Firm dry	Overcoat
5°C	2 hrs 30 mins	5-7 hrs	5-7 hrs
10°C	2 hrs	4-6 hrs	4-6 hrs
15°C	1 hr 30 mins	3-5 hrs	3-5 hrs
20°C	1 hr	2-4 hrs	2-4 hrs

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

SURFACE PREPARATION

Paint preparation before use:

Make sure that the paint is stirred well before use, making sure the bottom of the can is stirred as well to ensure the paint is mixed well until the paint is homogeneous and has a good consistency.

Mixing ratio by volume:

N/A

Surface preparation:

All surfaces to be coated should be clean, dry, and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000. Any highly porous or under-bound substrate should be sealed with a proprietary primer sealer. Rough and badly cracked surfaces must be made sound in accordance with good industry practices. Surfaces must be completely sealed to prevent suction of the Base Coat. Furthermore, failure to seal the substrate correctly may prevent the decorative flake(s) from adhering evenly over the surface of the Ilumitex Base Coat.

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.

Do not apply at temperatures below 5°C.

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

Brush application:

Apply evenly with a full wet brush.

Roller application:

Apply evenly with a full wet roller.

This product should not be thinned.

Clean-up:

Clean all equipment after use with water immediately. All surplus product should be dispensed of in accordance with appropriate regional regulations/legislation.

Application of decorative PVA flakes

Using the Illumitex spray gun, blow on an even covering of the decorative PVA flake(s) onto the "wet" Base Coat thus completely obliterating the Illumitex Base Coat. Depending on the size of the area to be treated, this application may be broken down into individual sections to ensure that an even appearance and coverage of flake is achieved for the job.

At regular intervals during the application, collect the fallen decorative flakes and return these to a polythene bag for use later. When the Illumitex Base Coat/Flake Coat is completely dry, gently rub down thoroughly with medium grade sandpaper or a stiff brush to remove any loose flakes. Seal the surface by applying Illumitex gloss lacquer. Roller or brush application is preferred. In certain situations, multi coats may be required depending on the texture, absorption, and characteristics of the Illumitex Base Coat/Flake Coat.

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. Protect from Frost.

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:

5 litre containers.

HEALTH AND SAFETY

Please refer to the following data sheets:

Illumitex Base Coat

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 application 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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