

General Description:

GOLD-O-LUX is a lacquer that has been specifically developed for the protection of metal leaf and precious metal, however due to excellent film properties it can be used in a wide range of applications making it truly multi-functional. The product dries to form a hard yet flexible film with good adhesion, resulting in a finish with excellent wear characteristics. The cured film exhibits excellent barrier properties to moisture and atmospheric gasses.

Characteristics and Physical Properties:

Appearance	Clear lacquer
Gloss	Semigloss
Specific gravity	0.900 kg/liter
Solid content	12.5%
Coverage	12 – 15 m ² /liter
Flash point	20°C
Drying time @ 25°C	
Touch dry	30 min.
Overcoat	12 hours
Full cure	7 days
DFT	10 µm

Surface Preparation:

Metal Leaf:

It is important that the surface is degreased to ensure good adhesion and avoid cissing. For this, clean, non-abrasive, damp cloth should be used with a pH neutral cleaning agent (pH 7-8) for Metal Leaf. Care should be taken when degreasing to ensure the leaf is not damaged. Allow the surface to dry for at least 4 hours, or ideally overnight, before application of GOLD-O-LUX.

Other Leaf Products:

Surfaces should be free from grease and other contamination. There is less tendency for these surfaces to be as greasy as metal leaf, however it is advisable to apply a test area to ensure there is good flow and no cissing. Should cleaning be required, use a clean, non-abrasive, damp cloth with a pH neutral cleaning agent (pH 7-8) such as for Metal Leaf. Care should be taken when degreasing to ensure the leaf is not damaged, especially because many of these products are less robust than metal leaf.

Other Applications:

Ensure surfaces are clean, dry and free from dirt, grease and other contamination.

Application:

Stir well before use. Suitable for application by brush, roller and spray. When used over leaf, the first coat should be applied very thinly (30-40µm WFT). Over application can result in discolouration and sagging. Contamination of the substrate or the lacquer during application or drying can result in discolouration. To minimise this risk, good working practices must be adopted. The following should be implemented:

- All tools and containers must be spotlessly clean.
- Do not replace any leftover lacquer into the tub.
- When thinning the product, use only distilled water. Thin up to 10% (v/v) if required.

For best protection we recommend that two coats are applied. When overcoating it is essential to adhere to our minimum overcoat times. Do not apply when relative humidity exceeds 80% or the surface is less than 5°C above dew point, and where temperatures are below 10°C or above 35°C. Do not use on surfaces subject to temperatures greater than 50°C. This product should only be used for interior applications.

Cleaning of Tools:

All equipment should be cleaned immediately after use with thinner. It is advisable that equipment should be cleaned/ flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied.

Storage:

Store in a cool dry place and out of reach of children. Keep away from extremes of temperature. Shelf life 12 months in unopened packs.

Packing:

Available in 1USG, 1 lit, 500ml and 250 ml.

Physiological Hazards:

GOLD-O-LUX does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. It is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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