



UNIVERSAL LACQUER

Whitson's Universal Lacquer 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.

PREPARATION

Metal Leaf: It is important that the surface is degreased to ensure good adhesion and avoid cissing. For this, a clean, non-abrasive, damp cloth should be used with a pH neutral cleaning agent (pH 7-8) such as Whitson's Degreaser 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 Whitson's Universal Lacquer.

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 Whitson's Degreaser 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. Allow the surface to dry for at least 4 hours, or ideally overnight, before application of Whitson's Universal Lacquer.

All 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 (60-80µm WFT). Over application can result in discolouration. 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 30°C. Do not use on surfaces subject to temperatures greater than 50°C. This product should only be used for interior applications.

PHYSICAL PROPERTIES

Colour:	Transparent
Finish:	Semi Gloss
Specific Gravity:	1.038
Volume Solids:	28±2%
Wet Film Thickness:	80µm
Dry Film Thickness:	22µm
Theoretical Spreading Rate:	12.5m ² /litre
Flash Point:	>100°C
VOC:	<1g/litre

DRYING TIMES	10°C	20°C
Touch Dry	1 hour	40 mins
Minimum Overcoat	24 hours	16 hours
Full Cure*	28 days	28 days

*Majority of cure will occur within 7 days, but full properties will develop over 28 days

CLEANING

All equipment should be cleaned immediately after use with water.

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.

Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

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.

HEALTH, SAFETY & ENVIRONMENTAL

Use only in accordance with the Material Safety Data Sheet supplied by Whitson's.

Ensure good ventilation during application and drying.

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, wash immediately with plenty of soap and water (do not use any solvents). When sanding avoid inhalation of dust and wear a suitable face mask.

The user must observe local health, safety and environmental regulations when using this product.

DISCLAIMER

It is the responsibility of the user to test the product on the intended surface to ensure it is suitable for their requirements. This is particularly essential where used over metal leaf and low carat leaf products to ensure there is no discolouration.

All orders are accepted subject to our Standard Terms and Conditions of Sale which can be viewed on our website.