

22ct Gold Leaf

PRODUCT DATA SHEET

22ct Gold Leaf is a genuine gold-alloy leaf with a traditional warm yellow-gold appearance. It is intended for decorative gilding and is suitable for professional gilders, restorers, signwriters, framers, artists and decorative craftspeople. Final appearance and durability depend on substrate preparation, gilding size, environment and any finishing system used.

Product identification

Product	22ct Genuine Gold Leaf
Gold fineness	22 carat / approximately 916 fineness - approximately 91.6% gold by mass
Alloy	Gold alloy containing a small proportion of other metallic constituents to achieve the required colour and working characteristics. Exact alloy composition may vary by manufacturer or production specification.
Form	Thin beaten metal leaf; supplied loose and/or transfer depending on product format
Colour	Traditional warm yellow-gold; shade may vary slightly according to alloy, batch, substrate and lighting
Typical use	Decorative gilding, lettering, ornamental work, frames, artworks, restoration, furniture and architectural features

Application guidance

Surface preparation: Apply only to clean, dry, stable and suitably prepared surfaces. Remove dust, grease, loose material and contamination before sizing. Porous or absorbent substrates should be sealed or primed as appropriate.

Sizing: Use a compatible gilding size and follow the size manufacturer's instructions for application, open time and tack. Test compatibility before important work.

Laying the leaf: Handle with clean, dry tools and avoid unnecessary finger contact. Lay the leaf onto the correctly prepared tack and lightly press or mop into place using suitable gilding tools.

Finishing: Carefully remove skewings and excess leaf after the size has cured sufficiently. Where protection is required, use a compatible clear coating only after testing, as coatings can alter colour, sheen and ageing characteristics.

Performance and limitations

Exterior use	22ct leaf has a lower gold content than traditional high-carat exterior gilding grades and may be more susceptible to colour change or environmental attack. For exterior or exposed work, suitability should be assessed carefully and an appropriate protective system may be required.
Tarnish	Possible under aggressive conditions, particularly in damp, polluted, marine, sulphurous or chemically reactive environments, or where the leaf contacts unsuitable substrates or coatings.
Coverage	Coverage varies with leaf dimensions, overlap, substrate profile, wastage and applicator technique. Allow additional leaf for textured, intricate or complex work.
Compatibility	Always carry out a small trial on the actual substrate, size and finishing system before full application.

Handling and storage

Store flat in the original closed packaging in a clean, dry environment away from moisture, chemicals, direct heat and strong air movement. Handle gently to prevent creasing, tearing or contamination. Keep work areas free from draughts when using loose leaf.

Health, safety and disposal

This document is a product data sheet and is not a Safety Data Sheet. Normal good workshop hygiene should be followed. Avoid inhalation of fine metallic particles generated during sweeping, sanding or other secondary operations. Dispose of waste in accordance with local requirements and recover precious-metal waste where practical.

Important note

The information above is intended as general technical guidance for Wrights of Lymm 22ct Gold Leaf. Because substrates, site conditions and application methods are outside our control, users should confirm suitability by trial before use. Product appearance and alloy composition may vary slightly between production batches. For project-specific requirements, contact Wrights of Lymm Ltd before application.