

# Brass Lacquers



A family of high quality, high performance products, developed over several years designed to protect and enhance the visual properties of brass and other decorative metals.

Extensive development has seen the range expanded recently and improved, to take into account new raw materials, practices and the changing requirements of current legislation and the need to reduce the use and emission of volatile organic compounds.



Our products are widely used across the variety of decorative metal industries, enhancing and protecting light fittings and switch plates, coffin fittings, beer fonts, carriage clocks, architectural door furniture, beds, bathroom fittings, marine railing and musical instruments as a taster.

Taking into account the need for different application and drying methods and different performance criteria, the family introduces modern water based baking products to this marketplace

## Air Drying Systems

Two product types are available:

**30000 range** of N/C lacquers and finishes which give rapid drying, excellent clarity and smoothness but with limited technical performance.

**40005 Incralac** is based on technology used by the ministry of defence to coat ammunition casings. The product therefore gives excellent hardness and durability but can exhibit fine orange peel on large smooth surfaces.

Incralac has been used extensively in exterior application, both on land and water, and has featured on prestige architectural contracts, and as a particular example on the brass work on the restored Steam Pinnacle.

<b>30000 Range of Colours</b>	Air drying cellulose lacquer - available in both clear and pigmented in a variety of finishes, some colours are subject to a minimum volume.
<b>19335</b>	Air drying clear cellulose lacquer
<b>40005</b>	Incralac non-ferrous protective lacquer
<b>Incralac Aerosols</b>	Incralac non-ferrous protective aerosol



*Incralac is now available in 500ml cans or 400ml custom filled aerosol.*

## Stoving Systems

A wider range of products to encompass modified epoxy, full epoxy, and water based systems.

The modified epoxy products have the benefit of rapid dust free surface drying which allows easy handling and prevention of air borne inclusions in the applied film. This makes it ideal for use on highly decorative items.

Full epoxy products give excellent hardness and chemical resistance but require longer curing schedules than the modified products. These products are widely used on both external and internal items where the premium durability is a requirement.



Modified Stoving	06679	Fast Set up Stoving Lacquer
Full Stoving	27497	High Performance Stoving Lacquer



## Water Based Systems

Recent development of water based stoving lacquers has produced a range which will give the performance typical of epoxies but with benefits to the environment from reduced solvent emissions. However greater control of the working area is required and attention has to be paid to using water vapour compatible spray booths and ovens. The products are designed to perform both visually and technically as the equivalent solvent based materials.

## Special Effects

Whilst most of the products used to coat brass and clear gloss lacquers are used to retain 'that just polished look,' a full range of special effect products are available in most product types. Standard tints are available in most ranges. To provide an 'antique finish' on brass (Code 'ANT'), to coat aluminium to replicate brass (Code 'GLD'), copper (Code 'CPR'), or bronze

(Code 'BZE'). Minimum order quantities for these standard tints are 5 litres. For special colour matches to supply standards, minimum order quantity would be 15 litres.

Recent developments have included both air drying and stoving systems using the latest technology 'bright metal' pigments, producing coatings to replace bright nickel plating.



*Coated and uncoated brass section after salt spray testing for 96 hours, illustrating protection provided by Inctalac*

For full information on any of the products discussed, please contact our sales office who will be pleased to offer advice and arrange samples.