



# PyroLac One

## Information

PyroLac One is a two pack acid catalysed lacquer which offers flame resistance to new timber substrates. It has been tested to upgrade to Class 1 Surface Spread of Flame and, when used on a Class 1 substrate, will maintain this rating. PyroLac One has been tested at Warrington Fire Research to BS 476 Part 7 Surface Spread Of Flame to Class 1.

This product is also a compliant coating for new or upgraded processes commenced before 1<sup>st</sup> April 1996, when applied by hand spray.

It is fast drying, excellent for re-coating and displays resistance properties to the standard of BS6250 Severe Use.

PyroLac One can also be used as a topcoat alongside products YZ2011 and EN2003 in the PyroLac PrO System, which can upgrade to a Class 0 rating according to BS 476 Part 6 Flame Propagation, also certified by Warrington Fire Research.

Suitable for use on veneered board or solid timber. The primary end use is on panelled walls, although it can also be used on interior doors, trims, window frames and furniture to offer flame resistant properties.

PyroLac One can be used on previously coated substrates, if sanded back to the original substrate prior to application.

### For interior use only.

Solvent Borne Acid Catalysed Flame Resistant Lacquer: DM2134

**Always observe the required application weights.** The required film weights must be maintained during application.

To this end, the purchase of the correct amount of each product will require confirmation through a certificate of supply form, supplied by Becker Acroma.



## Class 1 certified flame resistant lacquer

### Application

Apply by spray application.

Thoroughly stir or shake before use. Prior to application, the lacquer is catalysed 10 to 1 with DV 2001 by volume. Apply to a total of 300 g/metre<sup>2</sup> in two applications. The lacquer will be touch dry at an ambient temperature of 20°C in one to two hours and hard dry overnight. De-nib between coats.

Processing times may be shortened by force drying 15 minutes at 80°C. incorporating some infra red drying would be typical for stacking off the line.

### Mixing Ratio

10 parts of lacquer to 1 part of acid catalyst DV2001 by volume.

### Pot Life

Not less than 24 hours depending on temperature conditions. Thinners must not be added, as this may result in the lacquer no longer conforming to the compliant coating requirements.

To eliminate viscosity increase and wastage of catalysed material, we recommend that only sufficient material is catalysed so that it is used within two hours.

### Viscosity

40-44 seconds uncatalysed  
32-34 seconds as catalysed

### SG/Coverage

1.06 as catalysed / up to 3.5 metres<sup>2</sup> per litre in two coats.

### Shelf Life

18 months in unopened containers.

### Thinner

DT2011

### Cleaning

Clean all equipment with the relevant thinner immediately after use.

### Storage

Store in a safe, flameproof area.

### Health & Safety

Flash point below 21°C. Observe usual precautions for highly flammable liquids. Refer to Health and Safety Data Sheets for individual products.

### Other

All catalysed lacquers can occasionally give rise to lifting problems on re-coating.

Cherry, maple and similar timbers can be prone to reddening when exposed to natural daylight. This colour change is accelerated by the presence of acid in glues and lacquers.

Do not apply over polyurethane lacquers or vice-versa, as severe yellowing may develop on ageing.

As with all two component materials, acid catalysed lacquers have a maximum catalysed life after which they should not be used.

For further information, please refer to our Technical Department.