

# DGI GLULAM POLYURETHANE FINISH

Any coating, as long as it seals adequately with sufficient build, gives reasonable protection and looks good, can be used. However, DGI use two-pack polyurethane produced by Becker Acroma.

It has three advantages over many other two-packs:

1. Easy to use - 1:2 mix.
2. Recoatable.
3. High solid content - gives hardness & heavy build.

It is a fast drying, clear, two-pack polyurethane finish. It is a unique, high-build, rapid curing protective coating that is specifically formulated to enhance the appearance of internal timber surfaces and to impart a degree of protection rarely achieved by similar coatings.

## ABRASION RESISTANCE

Formulated to give toughness and durability.  
Will not chip, craze, peel or 'cold check'.

## COLOUR STABILITY

When compared with many 'clear' coatings, yellowing is reduced to very low levels - even on pale timbers such as pine and ash which would 'yellow' naturally.

## GLOSS LEVELS

Available in semi gloss and is normally applied by spray gun. A brushing grade in similar gloss levels is also available for 'in-situ' work.

When ordering an addition to an existing installation, please be aware that the finishes will differ; at least in the levels of gloss. We finish our products in a semi gloss level as we find this gives the best immediate results & most even finish.

With time and the burnishing effect of cleaning, a higher level of gloss will develop. This patternation is normal & attractive and cannot really be duplicated by spraying methods; thus expect a difference in perceived gloss levels.

However the newer items will usually develop patternation within 4 to 6 months.

## CHEMICAL RESISTANCE

Excellent resistance to beer, spirits, water, fats, detergents, perspiration and most household chemicals.

## HEAT STABILITY

Unaffected by boiling water or heated plates and is heat stable to approx. 400°F (200°C).

## RECOATABILITY

Formulated so that it may be recoated in the future without having to strip back to bare timber.

## REPAIRABILITY

Should the surface be damaged, repairs can be easily and quickly effected.

## RAPID DRYING

May be recoated in approx. 60-90 minutes.

## LONG POT LIFE

When mixed, material pot life is 4-6 hours.

## EASY MAINTENANCE

Simply wiping the surface with a damp cloth is all that is usually needed.

# MAINTENANCE INSTRUCTIONS

## (Polyurethane Coated DGI GLULAM Benchtops)

**CLEANING** - Normal maintenance consists of wiping down with a damp cloth. Detergents, cleansers (liquids such as 'Handy Andy', 'Spray and Wipe', etc.) and other cleaning agents are all suitable. 'Harsh' cleansers such as 'Ajax' may also be used, although not on a regular basis and may effect gloss level. **DGI GLULAM** solid timber benchtops will readily take the punishment associated with day-to-day usage within the household environment. Products that should be avoided are those containing silicon compounds (such as 'Mr Sheen'); silicon can imbed itself in the chemical structure of the polyurethane coating making subsequent recoating difficult.

**PROTECTION** - Use cutting boards to avoid undue knife damage (any material will cut!), and heat pads under appliances such as electric jugs to avoid extremes of heat in small areas.

**REPAIRS** - Regardless of damage that may occur, repairs are relatively simple. Minor scratches can be buffed out with an abrasive polish or touched up.

If impact damage occurs (dents - where timber is compressed), this can be restored with a damp cloth and very hot iron. By placing the cloth over the dent and ironing over it, water vapour is forced into the fibres and the timber will ultimately restore itself to normal. Keep the cloth damp - a spluttering sound is normal.

See DGI leaflet No. 5. (REPAIR GUIDE)

**HARD WEARING** - **DGI GLULAM** has been designed for use in kitchens, laboratories and other commercial applications; when coated with a two-pack polyurethane it has been tested for the following agents :

**Caustic Soda** - oven cleaners - should not affect top.

**Hydrochloric Acid** - cement cleaners - should not affect top.

**Kitchen Acids/Alkalis** - juice/vinegar - should not affect top.

**Staining Agents** - the only ones to avoid are beetroot and English mustard; these fiendish substances seem to stain everything known to man, but effect is minimal.

**Wines/Spirits** - should not affect top.

**Heat** - Tops have been tested to 200°C; anything that contains water should not affect top. Tops will take much higher levels of heat for short periods (1/2 minute maximum). This allows time to put down a very hot item and retrieve again with an oven mitt.

**RECOATING** - Your top will not require recoating for many years (dependant on wear and usage) and then only in the high-use areas. Recoating, which will restore your top to 'as new' condition, can be done by the householder (refinish packs are available from DGI) or by a professional. Ask DGI for a referral.

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