



# 930 Customwood Sealer

## PRODUCT DESCRIPTION & USES

A premium quality Nitrocellulose Sealer for manufactured boards. **930 Customwood Sealer** has been formulated to resist the inhibition of dry arising from the waxes or oils present in most processed timber boards.

**930 Customwood Sealer** can also be used to seal timber veneers and solid timbers however **932 Nitrocellulose Sanding Sealer** is preferred for dark stained or dark coloured timbers to ensure full colour development.

**930 Customwood Sealer** should not be used to seal oily timbers such as Rimu, Matai or Totara. On these timbers **772 Portco 2K Sealer** is recommended.

For sealing timber that will be subsequently exposed to damp conditions, e.g. kitchen cabinets and vanity units, **772 Portco 2K Sealer** is recommended.

## PRODUCT FEATURES

- Fast drying
- Good holdout ensuring even gloss of finish coats of lacquer.
- Excellent resistance to the paraffin waxes used in the manufacture of processed boards..
- Crisp sanding character.
- Supplied ready for use.
- Made in New Zealand for New Zealand manufactured boards and conditions.

## TECHNICAL DATA

Gloss Level	Low sheen.
Primer	Not applicable.
Wash Up	<b>002-000 LT1</b>
Colours	Clear, White and Black. Special colours by application.
Pack Size	4L, 20L.
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years.
Toxicity	Formulated without added lead or mercury. Dried sealer is non-toxic. Suitable for use on toys or items that may be chewed.
VOC content	634g/L for Clear as per EC-07-09 and APAS definition of Volatile Organic Compound.
Volume Solids	25.2% for Clear
Wet Film Thickness	85 to 125µ
Dry Film Thickness	21 to 32µ
Coverage	8-12 m²/L.

## SUBSTRATE PREPARATION INSTRUCTIONS

**General Surface Preparation:** Surfaces must be clean of all traces of grease, wax, oil or silicone. Sand timber smooth with 180-240 grit dri-lube abrasive paper prior to staining.

Fill any holes and minor imperfections with a suitably coloured timber putty before staining.

Stain, if required, with 935 NGR Stain or 768 Wiping Stain.

## RECOMMENDED APPLICATION METHODS AND TECHNIQUES

Stir thoroughly before use, ensuring any settled sanding aid is evenly stirred in.

Thin, if required for ease of application to a maximum of 10% by volume with **002-000 LT1 Thinners**. Excessive thinning could result in activation of the waxes or oils in processed boards.

Apply a double header coat wet on wet by spray to give a wet film thickness of 85-125µ. Allow to dry and sand with 320-400 grit dri-lube paper.

Better holdout will be achieved if the sealer is allowed to dry overnight before top coating.

Finish with **936 Precat Lacquer** in the sheen level of your choice.

**Note:** Do not exceed a dry film build of 150µ for Sealer and finish coat, or 5 generous double header spray applications, or stress cracking of the finish on aging may result.

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**NOTE:** The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.



## 930 Customwood Sealer

Minimum Surface Temperature:	5°C
Maximum Relative Humidity:	95%
Temperature Range:	5°C - 35°C
Suitable Application Methods:	Spraying.
Thinners:	<b>002-000 LT1 Thinners</b>
Cleaning Solvent:	<b>002-000 LT1 Thinners</b>
Max. Volume Thinners:	10%.
Conventional Spray:	Fluid nozzle: 1.5 – 2.0mm, Pressure to the gun: 210 – 350kPa (30 – 50psi)
Airless Spray:	Fluid nozzle: 9 – 11 thou, Pump ratio: 16:1 to 20:1, Pump pressure: 7,000 – 10,000kPa (1000 – 1500psi).

### DRYING CHARACTERISTICS

All figures quoted are at 20°C and 65% relative humidity.  
Drying will take longer at lower temperatures and/or at higher relative humidity.  
Do not stain when temperature of surface is below 5°C or above 35°C.

Touch Dry:	30 minutes
Dry to sand:	1 hour
Recoat:	Can be finished after 1 hour, but for maximum hold-out let the sealer dry for 16 hours prior to recoating.

### HEALTH & SAFETY

#### CAUTION! FLAMMABLE

Contains petroleum solvents: keep away from heat and open flame. Close container when not in use.

#### KEEP OUT OF REACH OF CHILDREN

WARNING: This material may be harmful if swallowed or inhaled and may cause skin or eye irritation.

PRECAUTIONS: Avoid breathing vapour -- use with adequate ventilation. Do not eat, drink, or smoke whilst using. Store in a cool, well ventilated area indoors between 5°C - 20°C. Dispose of empty container safely. Empty cans or cans containing dry material may be recycled. Do not contaminate any water supply.

#### FIRST AID

If Swallowed: Give water to dilute. Owing to the aspiration hazard of hydrocarbon solvents, DO NOT CAUSE VOMITING. Get medical attention without delay.

Eye Contact: Treat immediately with water -- hold open and flush for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: Remove any contaminated clothing and wash skin thoroughly with soap and water. Avoid scrubbing skin.

Inhalation: Leave the hazard area, maintain breathing and get medical attention.

FIRE: Use foam, carbon dioxide or dry chemical powder.

SPILLS: Absorb with sand or earth. Collect and seal in properly labelled drums for disposal according to local waste management authority.

Refer MSDS, available on request, for detailed safety instructions.