



## 866 Sanding Sealer

IDEAL COMPLEMENT TO THE FINEST TOPCOATS FOR TIMBER

866 is a specifically designed polyurethane sanding sealer which has outstanding “grain wetting” characteristics. This enables it to quickly displace the air and moisture found within timber and veneer grain resulting in an ideal foundation for choked or semi-choked clear timber finishing.

866

<b>Key Product Features</b>	866 is a specifically designed clear polyurethane sanding sealer which has outstanding 'grain wetting' and sanding properties. This enables 866 to quickly displace the air and moisture found within timber and veneer grain resulting in an ideal foundation for choked or semi-choked clear timber finishing. Also suited to sealing MDF routes before application of polyester primer or polyurethane topcoats.
<b>Ideal Use</b>	Recommended as a sanding sealer and pre-finisher for Evic 520 and 540 lacquers, and 850 and 2000 clear polyurethane finishes. Ideal wherever a premium resistant furniture finish is required.
<b>Available Sizes</b>	PART A (866A) is available in <b>3L</b> and <b>15L</b> cans PART B (866B) is available in <b>1L</b> and <b>5L</b> sizes <b>Kits (A+B) in 4L and 20L are also available</b> <b>MIXING RATIO (A:B) IS 3:1 – product must be applied strictly as specified.</b>
<b>Mixing</b>	<b>MIX BY VOLUME 2 part of “A” to 1 part of “B”.</b> Stir separately Part “A” and Part “B” thoroughly. Ensure only the quantity that can be applied within the normal pot life is mixed at any one time. Stir thoroughly with a flat blade stirrer (not round) before use.
<b>Thin Quantity</b>	<b>Thin up to 20% with 850S, 900S or 950S solvent.</b> Thinning can help penetration and sealing of fine grain timbers but film build is marginally reduced. 866 can be used as is but is generally thinned 5 to 10% with 850S or 900S solvent. In very hot or extreme conditions, thin up to 20% with 950S Retarder Solvent.
<b>Pot Life Estimates</b>	<b>The estimated pot life at 20°C is 3 hours.</b> Higher temperatures will affect pot life. During the pot life the material viscosity will increase. Slight thinning using either 850S or 900S towards the end of pot life may be required to maintain spraying viscosity.
<b>Dry Times*</b>	<b>Touch Dry:</b> 10–15 minutes <b>Sanding:</b> 1–2 hours <b>Recoat:</b> 1–2 hours  <small>*Times vary depending on film build and timber/veneer type. Sanding is possible from approximately 1 – 2 hours. Increased drying times can give better sanding and hold out to finishing coats. Due to 866's extremely tough finish, sanding can become difficult if left to cure more than 16 hours.</small>
<b>Suggested Equipment</b>	<b>Conventional Spray Gun:</b> Use a premium two-pack gun such as the Anest Iwata W200.15 at 275–310kpa (40–45psi). <b>Pressure Pot:</b> Set pressure to 55kpa (8psi) and maintain gun pressure at 275kpa (40 psi).
<b>Preparation</b>	Sand down timber substrate with 180 free-cut paper. Fill nail and screw holes etc with putty or Timbermate filler in a matching colour and allow to dry. Then sand entire surface and filled areas with 240 free-cut paper and dust off. <b>STAINING:</b> Staining and effects such as aging can be achieved by using 506/508 Fade Resistant Dye Stains. Refer to the data sheet D506 for full details.

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## Application

**OPEN GRAIN FINISHING: Sealing** – apply one or two double wet coats of 866 Sanding Sealer. Thin 10–20% with 850S or 900S Solvent and allow to dry. **Sanding** – remove any surface irregularities, grain raising, contaminants or air release bubbles by sanding smooth with 320 free-cut paper. Air blow the surface clean and wipe down with solvent (such as I900S) to eliminate the chance of grain whitening before re-coating with Evic 866 Sanding Sealer. **Finishing** – apply one or two coats of Evic-compatible clears: 520 Precatalysed Lacquer, 540 Acid Cat Lacquer, 850-Series Clear Polyurethanes, or 2000-Series Clear Polyurethanes.

**CHOKED FINISHES: Sealing** – apply two or three double wet coats of 866 Sanding Sealer, thinned 10–20% with 850S or 900S Solvent and allow to dry. **Deep-Grained Veneers (including Bird's Eye Veneers) and Wide-Grained Solid Timber** – Using more than 3 double wet coats of 866 on these surfaces may cause cloudiness in the coating. This is especially true over dark coloured timbers such as Blackwood, Jarrah, Walnut and Brushbox. To achieve a fully-choked wet look or mirror finish on these types of timbers it is necessary to pre-seal the timber with Evic 860 Sealer, allowing this build coat to dry before sanding. Finally, switch to 866 Sanding Sealer and apply an additional coat to complete choking prior to top coating. **Finishing** – apply one or two coats of Evic-compatible clears: 520 Precatalysed Lacquer, 540 Acid Cat Lacquer, 850-Series Clear Polyurethanes, or 2000-Series Clear Polyurethanes.

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## Clean Up

Spraying equipment and mixing utensils should be thoroughly flushed clean with 800S or 825S solvent before the coating cures.

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## Shelf Life

Up to 12 months if stored in properly sealed containers. Part "B" is moisture sensitive and should be stored in full containers with minimal air pad.

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## Note to Users

This is a specialised industrial coating and should only be applied by experienced and competent tradesmen and in accordance with the manufactures specification.

**Please read Material Safety Data Sheets M866.**

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## More Information

Go to [www.evic.com.au](http://www.evic.com.au) for product and material safety data on all Evic products. Information is also available in booklet and CD-ROM form, or by e-mail and fax transmission.

For further enquiries, call the Evic Group on (freecall) 1800 761 761.



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*D866 (09/2003) The information contained herein is intended to give a fair description of the product and its capabilities under specific test and field experience. It does not constitute an offer by the manufacturer, nor does the manufacturer warrant or guarantee its accuracy or completeness in describing the performance or suitability of the various products.*