



GLOBAL™

The first all-in-one polyurethane system. All GLOBAL™ coatings have been designed to give exceptional results at unsurpassed speed and ease of application.

Features include simple, easy mixing for reliable, consistent finishing. Fast “3-up” wet-on-wet spraying, rapid cure and exceptionally low cost.

Finishes Available

Gloss

80% Semi Gloss

60% Satin

30% Matt

it's not just another Polyurethane

it's GLOBAL™

Designed for
evicgroup **X**press Tint
In-house Tinting System

1800 GLOBAL™ COLOUR – AVAILABLE IN FOUR GLOSS LEVELS

Key Product Features

- Easy “3-up” wet-on-wet application, regardless of the GLOBAL™ finish.
- Excellent Flow and Levelling across ALL Gloss Levels
- Part Bs and solvents are compatible across the range.
- Rapid cure and print free times
- Virtual non-yellowing interior durability.
- Sensational cost effectiveness.

Coverage Rate

Approximately three square metres per mixed litre in practice. Variations to coverage and loss from overspray can occur due to many variables, including: shape and size of the substrate, gun type and settings, gloss level of the product and the colour selected.

Mixing

MIX BY VOLUME 2 part of “A” to 1 part of “B” Plus 10% 850S Thinner regardless of Gloss, Level or Colour.

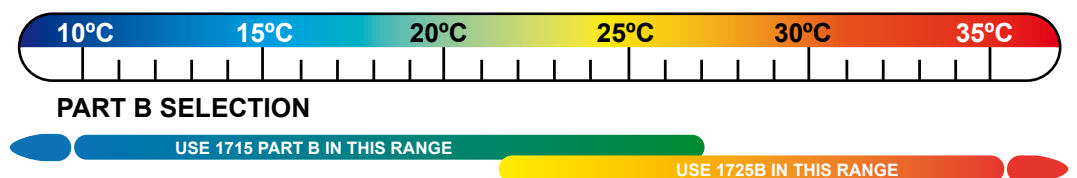
Stir separately Part “A” and Part “B” thoroughly. Ensure only the quantity that can be applied within the normal pot life is mixed at any one time. Stir thoroughly with a flat blade stirrer (not round) before use.

Thin Quantity

Thin 10% with 850S Thinner (depending on working temperature, different Part B’s may be selected – see below).

GLOBAL™ is designed to give a rapid “peel free” finish.

Working Temperature



Pot Life Estimates

The estimated pot life at 20°C is 4 hours.

Higher temperatures will affect pot life. During the pot life the material viscosity will increase. Slight thinning towards the end of pot life may be required to maintain spraying viscosity.

Dry Times*

Touch Dry: 8–15 minutes

Print-Free: 2–3 hours

Recoat: 3–4 hours (if no sanding is required); overnight if sanding is needed

Time to Packing: 8–24 hours from final coat

*Stated times are based on using 1815B and 850S solvent in normal conditions. All dry times are dependent upon working temperature, part B selected.

Suggested Equipment

Conventional Spray Gun: Use a premium two-pack gun such as the Anest Iwata W200.15 at 275–310kpa (40–45psi).

Pressure Pot: Set pressure to 55kpa (8psi) and maintain gun pressure at 275kpa (40 psi).

Pre-Prep

Air clean prepared surface, wipe over with a dampened lint-free cloth or tack cloth removing all dust or fine particles. Change cloth regularly.

Preparation

ALUMINIUM, ZINCALUME, GALVANISED & MILD STEEL (for interior use ONLY): Prepare and prime as per data sheet with Evic 145E Etch and Protect Primer. Available in grey. If sanding is required, use 730 Series polyurethane primer.

MDF BOARD: Prepare and prime as per data sheet with either: 730 Series polyurethane primer or 770 Series Polyester Primer.

MELAMINE: Properly sand surface with 240 to 320 grit free-cut paper, removing any appearance of gloss. Solvent wash with 825S, de-dust and apply GLOBAL™ directly.

Warning – GLOBAL™ does not stick to unsanded melamine. This surface must be prepared correctly (especially in corners or hard to reach areas). Melamine easily wears out sandpaper, further polishing the surface. This makes coating adhesion impossible.

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Ideal Use

GLOBAL™ colour is the ideal product for high speed production. It produces a fantastic, highly durable and resistant finish in **full gloss, 80% semi-gloss, 60% satin or 30% matt** for areas such as kitchen cupboards, bathroom furniture and commercial fixtures.

Unlike other polyurethane systems that can have varying application techniques from one gloss level to the next, GLOBAL™ uses the same mixing and spraying technique, regardless of Gloss, Level or Colour, saving time, money and labour.

Available Sizes

PART A (1800A) is available in any size from **1L** through to **20L**.

PART B (1815B and 1825B) is available in **1L** and **5L** sizes

MIXING RATIO (A:B) IS 2:1 – product must be applied strictly as specified.

Colour Information

1800 GLOBAL™ is available in a virtually unlimited colour range produced by high-quality lead-free pigments.

1800 GLOBAL™ is also available in Evic's High Cover Lead Free Colour Base Range, (improving the opacity of bright red's, oranges, yellows and greens).

1800 GLOBAL™ can also be tinted in-house using Evic's **Xpress Tint** system.

Mixing

MIX BY VOLUME 2 part of "A" to 1 part of "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.

Thin Quantity

Thin 10% with Evic 850S Thinner (see Temperature Bar for the appropriate Part B).

1800 GLOBAL™ is designed to give a rapid "peel free" finish.

Important Application Information

Mix or handle product in a spray booth or equivalent ventilated space. Spray application in a spray booth is required using a positive pressure air-fed face mask.

Application

For best results apply GLOBAL™ in three wet-on-wet cross coats overlapping each pass. Allow minimal flash off between coats.

As an alternative (if applying GLOBAL™ to excessively sharp edges or a poor opacity colour) apply two double-header cross coats overlapping each pass, rack and allow 45–60 minutes to dry, then re-coat with one or two double-header coats. With both spraying options, always spray away from yourself to minimise overspray.

If intercoat sanding is required, cut back with 320–500 grit sandpaper, or 3M P600 sanding disks.

BUFFING (GLOSS FINISHES ONLY): After overnight cure, GLOBAL™ colour is easily cut and buffed if required. Denib the surface using 2000 grit microfine wet sanding or 800–1200 grit ultrafine dry sanding disk. Buff the cut-back surface with a foam waffle compounding pad combined with 3M Perfect-It or Auto Glym Fine Cut buffing compound. Finer imperfections can be removed by polishing with a black foam waffle polishing pad and 3M Ultrafine or Polishing Glaze.

Clean Up

Spraying equipment and mixing utensils should be thoroughly flushed clean with 850S or 825S Thinner before the coating cures.

Baking

Allow 45–60 minutes flash off time then bake at up to 60°C for one to two hours.

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After Care

To clean stains, marks or spills from GLOBAL™ once cured, use any liquid “spray and wipe” type cleaner. Spray directly onto the surface and wipe off with a clean, dry (preferably lint-free) cloth. Alternatively, for cleaning without chemicals and removing fingerprints and smudging the 3M High Performance Cloth is recommended. (Never use abrasive-type cleaners.)

Colour Matching

Because of the huge variations that occur in paint charts, samples, etc., it is your responsibility to ensure any colour we provide is correct or acceptable to you and your customer **before you use it.**

The Evic Group will not accept liability for any colour once it has been applied. We recommend reading Evic’s **Guide to Colour** for comprehensive details of our colour matching services and terms and conditions of sale.

LEAD FREE COLOURS: The Australian Uniform Paint Standard requires that all paints used for any furniture application contain less than 0.1% lead by weight in the dry film. Applicators are adhering to this standard when using any Evic Group Global product.

To meet this requirement, all GLOBAL™ colours are manufactured with lead-free pigments. Caution: most bright yellows, oranges and reds will exhibit poor opacity. Evic produce High Quality Bright Colour bases which eliminates this problem in most of these colours. In some cases, extra paint may still be required to achieve full coverage – estimates for required paint should bear this in mind.

Solid Colours can also be tinted using Evic’s **Xpress Tint In-House Tinting System.**

GLOSS LEVELS: Products are manufactured to conform to the gloss levels shown $\pm 5\%$. Levels are read using a 60° head according to AS1580 method 602.2.

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.

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 M1800.

More Information

Go to 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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