

DURASTAIN 2025 Dye Stain

DURASTAIN 2025 is an easy to use, solvent based dye stain designed to give excellent clarity whilst still accentuating the grain. It is available in 8 bright, vibrant colours which can be blended together to produce an unlimited colour range.

Product Advantages

- Versatile - can be applied over all species of wood and wood veneers.
- Choice of reducer (slow or medium) gives applicators the option to choose the reducer that will best suit their requirements.
- Suitable for toning applications. May be added into DURAPOL, POLYTHANE or TITAN Gloss coatings to provide a deeper tone coat.
- Universal application properties including roller/pad applicator, brushing, wiping or spray.
- Good light stability for dye stain thereby providing more fade resistant colours.

Typical Applications

Interior use only. Timber floors, architraves and skirting boards.

Product Properties

Colour Range:

Primary Colours	Premixed Colours
#5000 Yellow	#6001 Maple
#7000 Red	#6004 Oak
#8000 Blue	#6007 Teak
#9999 Black	#6008 Walnut

The colours above can be mixed together to achieve different colours. Ensure you make a record of the mixing ratio so you can reproduce the colour.

Custom Matched Colours:

Available on request. Minimum order 4 litres.

Coverage:

Approximately 10-20m² per litre

The coverage is determined by the application method, the strength of the colour required, the timber type, preparation of the surface and the amount of reducer added.

Application Methods:

Pad or Rag

Small areas can be stained with a pad or rag. Use a clean lint free cloth, apply in even strokes.

Roller

6mm nap mohair or microfibre roller.

Flat Pad Applicator

A good quality flat pad applicator provides an even, uniform application of the stain.

Quality Brush

Use to cut in and stain small areas.

Colour Strength Adjustment:

To lighten the colour or reduce the intensity of DURASTAIN 2025 Dye Stain, add Polycure 1320 Slow Stain Reducer or Polycure 1330 Medium Stain Reducer. Although DURASTAIN 2025 can be applied straight from the can, it should be noted that the weaker the stain colour, the easier it is to achieve a uniform colour without lap marks. With this in mind, when staining large areas of bare timber, Polycure recommends that its primary and premixed colours are reduced at least 1 part DURASTAIN 2025 Stain to 1 part Polycure Stain Reducer (1:1).

Prior to the application of any stain, the suitability of the colour of the timber, the size and layout of the floor, the method of application and the temperature of the day need to be considered.

Notes:

- The type of reducer (slow or medium) and the amount added will affect the dry time of the stain.
- Always record the amount of reducer added so that the colour can be reproduced in the future.
- The addition of Polycure Slow Stain Reducer will lengthen the drying time of the stain on the floor.
- Before application a colour test area should be completed and approved prior to sanding the floor.

Approximate Drying Times at 20°C:

Mixed 1:1 with Polycure 1330 Medium Reducer: 6 hours
 Mixed 1:1 with Polycure 1320 Slow Reducer: 24 hours

Note: Drying time will depend upon the amount of Polycure Stain Reducer added, the application equipment, the amount of stain applied, the type of timber and the surrounding environment. Low temperatures, high humidity, damp conditions and/or airflow will extend drying time.

Best drying results will be achieved by circulating warm air temperatures of up to 26°C after the stain has been applied to the entire area. This will improve the drying of the stain prior to over coating with one of the approved coatings.

Warning: Do not blow air from fans or heaters directly over wet stain to speed up the drying as this may result in the stain becoming blotchy.

Due to the effects of temperature and environmental factors, sections of the flooring stained at different time periods may dry a slightly different colour. Areas which are stained at different time periods may not exactly match previously stained areas. Do not apply in hot or draughty environments. Do not apply in areas that will be affected by sunlight. Cover glass windows and doors with black plastic or paper and seal off any draughts.

Recommended Coating Systems

Stain	First Coat/ Sealer	Sanding	Second Coat	Sanding	Final Coat
DURASTAIN 2025 Dye Stain	FASTASEAL 3030 Clear Sealer	Sanding required if sealer has dried for longer than 4 hours	DURAPOL 5840, 1044, 1045, 1050, TITAN Gloss or POLYTHANE 2043	Sand with new 150-180 grit	DURAPOL 5840, 1044, 1045, 1050, TITAN Gloss or POLYTHANE 2043
	FASTASEAL 3535 Clear Sealer	Sanding required if sealer has dried for longer than 16 hours	DURAPOL 5840, 1044, 1045, 1050, TITAN Gloss, POLYTHANE 2043 or AQUAPRO 8068 Hitek, 8270 Advance 2K	Sand with new 150-180 grit	DURAPOL 5840, 1044, 1045, 1050, TITAN Gloss, POLYTHANE 2043 or AQUAPRO 8068 Hitek, 8270 Advance 2K
	AQUAPRO 8020 Clear Sealer	Sanding required if sealer has dried for longer than 24 hours	AQUAPRO 8068 Hitek 8270 Advance 2K	Sand with new 150-180 grit	AQUAPRO 8068 Hitek 8270 Advance 2K

Application System

Staining Bare Timber or Parquetry Floor

- Prepare the surface by filling all nail holes and imperfections in the wood with a water based putty. Allow to dry thoroughly (normally 2-4 hours/deep holes could take 24 hours). When filling under stains, match the colour of the putty/filler to the colour of the stain, not the colour of the timber e.g. walnut stain use walnut or dark brown filler.
- Sand the floor as per AS 4786.2-2005 standard to produce a defect and scratch free surface. All timber flooring that is to be stained should be finished with 120-180 screen back sandpaper fitted to a rotary sanding machine.
- Ensure the surface of the floor is defect and scratch free before applying any stain to the floor. Failure to remove scratched or noticeable sanding marks will be highlighted by the stain process.
- Vacuum off dust thoroughly. Do not wipe the raw timber with a damp cloth or tack rag prior to sanding.
- Reduce and mix enough stain for the entire project before starting. Work from one corner as you would when coating a room, apply the stain to the strip flooring along the direction of the timber grain. Ensure to only cut in a small distance in front of your roller or pad application. Always feather your brushed stain along the boards with the timber grain.

- Excess stain can be wiped off while still wet. This will reduce the dry time and will provide a different look, showing more contrast in the interior timber grain. Note: Do NOT pour or pool the stain onto the floor.
- In case of parquet flooring apply the stain on to the floor in an even application across the narrowest part of the floor from side to side until the whole area is stained. Even application of the stain is essential to ensure a uniform even colour.
- Allow the stain to dry before applying coatings (refer the dry times section). Cold, wet or humid weather will slow the drying of the stain and extend the time before any coatings can be applied.

Sealer / Topcoat (Apply per directions on the relevant product data sheet)

- Ensure adequate coating is applied to seal DURASTAIN 2025 Dye Stain to reduce the risk of sanding through the sealer coat and removing the colour. In cases where this happens it is possible to apply the stain to these areas to re-colour the exposed timber. This will need to be done prior to any additional coating being applied. Note: There may be some colour pick up on the roller during application of the sealer. Ensure that the sealer coat is applied in an even application in the direction of the timber grain and floor length. DO NOT overwork the sealer as this may result in the stain moving and noticeable roller marks.

Toning/Colouring of DURAPOL, TITAN and POLYTHANE Coatings

- **Toning intermediate or Final coats (not bare wood):** Add up to 3% by volume (30ml in 1 litre) of DURASTAIN 2025 Stain (unreduced) to coating layers that will not be sanded. Mix thoroughly. Take care to apply uniformly to avoid a patchy result. If toning other than the final coat, do not sand this toned coat and apply the next coat within 24 hours to ensure sound intercoat adhesion.
- To minimise the risk of lap marks and join marks, Polycure recommended DURAPOL 5840, 1044, 1045, TITAN 5846 and POLYTHANE 2043 as the clear base for toning. Because of the high solids and higher risk of lap marks DURAPOL 1050 is not recommended as clear bases for toning.
- Up to two coats of the toned gloss coating may be applied.
- **Warning:** Adding DURASTAIN at a rate of greater than 3% may result in severe roller marks. DO NOT add DURASTAIN 2025 that has been reduced with an AQUAPRO Stain Reducer into any coatings as it will cause the coating to gel. Only add the DURASTAIN 2025 into the coating at the time of application as the stain will cause the gloss coating to thicken and gel over time.

Equipment Clean Up: Clean all equipment immediately after use with water or where needed for solvent based (toned) products, Polycure 3300 Super Cleaning Solvent.

Shelf Life: 12 months, see label for use by date. All product must be stored in sealed containers below 35°C. If stored below 5°C for extended periods, DURASTAIN 2025 Dye Stain may exhibit some precipitation of the dye. The precipitation of the dyes are reversible by heating to 45°C.

Packaging: DURASTAIN 2025 Dye Stain 1 & 4 Litres

Health & Safety

Before handling, refer to the Material Safety Data Sheet for health and safety information. Ensure that all personnel using this product have read and understood this data sheet and the associated MSDS and packaging label before using this product.

Note: Coatings give off strong solvents and odours during the drying process. People and pets should be removed from the building during the application and drying of coatings. All food and fabrics should also be removed to reduce the risk of them becoming tainted during the drying process.

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