



AQUAPRO 2120 Water Based Dye Stain

A water based dye stain designed to achieve consistent colour with excellent clarity. Available in 8 bright vibrant colours that can be blended to produce an unlimited colour range.

Advantages

- Versatile – can be applied over all species of timber
- Medium to Slow dry, easy to apply – results in uniform colour
- Apply by brush, wiping, roller or applicator – no need to wipe off
- Can be top coated with AQUAPRO water based, DURAPOL moisture cure, POLYTHANE two pack, NATUROIL oil finishes and FASTASEAL sealers
- Good light stability of the dye stain
- Low odour
- Non-flammable, no requirements for precautions with oily rags and equipment
- Water wash up

Typical Applications

Interior use only. Timber floors, architraves, skirting boards, timber quadrant and beading.

Coverage

Approximately 10 - 20m² per litre.

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

Application Method

By brush, rag, roller or applicator – wipe on and leave or wipe on wipe off.

- Pad or Rag Small areas can be stained with a pad or rag. Use a clean lint free cloth, apply in even strokes.
- Roller or Applicator 6mm nap roller or flat pad applicator.
- Brush Use to cut in and stain small areas.

Apply in a wet even coat to achieve uniform colour across the floor. Ensure that the stain is applied in one continuous application across the whole floor on the same day.

Thinning & Colour Adjustment

When coating a large area, it is recommended that AQUAPRO 2120 Dye Stain is reduced with either AQUAPRO 1320 Slow Reducer or AQUAPRO 1330 Medium Reducer, this will slow the drying time and allow the stain to flow

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and level and reduce the risk of roller marks.

IMPORTANT: When the stain is reduced the colour will be affected, so it is important to prepare a test area prior to application of the whole area.

AQUAPRO 2120 Dye Stain can be reduced at any addition rate between 1:1 and 1: 6 (1 Part Stain to 6 Parts Reducer).

Always record the amount of reducer added so the stain can be reproduced in the future.

Dry Time

	Reduced with AQUAPRO 1330 Medium Reducer	Reduced with AQUAPRO 1320 Slow Reducer
Touch Dry:	2-3 hours	5-6 hours
Recoat:	6 hours	24 hours

Dry time will be affected by the amount of reducer added and the amount of stain applied. Dry time is also dependent upon ambient temperature and humidity.

To increase the speed of drying, warm air of up to 26°C can be circulated but only after the stain has been applied. Low temperatures, high humidity, damp conditions and lack of airflow will extend drying time.

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

Application

It is important to apply the stain in one area at a time to ensure even application. Differences in temperature and environmental effects can result in the stain drying to slightly different colours if it is applied at different times.

Before staining, ensure that all sources of sunlight and heat are removed as this will affect the floor area prior to and during the application of the stain. Seal off any draughts that may cause the stain and coatings to dry faster.

Preparation:

- Prepare a test area to check colour and application.
- Prepare the surface by filling nail holes and imperfections with a water based putty in a colour close to the stain. Allow to dry.
- Sand floor per AS 4786.2-2005 standard to produce a defect and scratch free surface. Finish sanding with 120-180 screen back paper fitted to a rotary sanding machine.
- Ensure floor is defect and scratch free before applying the stain. Scratches and imperfections may be highlighted by the stain.

Staining:

- Reduce and mix enough stain for the entire project before starting. Work from one corner as you would when coating a room. Apply to strip flooring along the direction of the grain. Only cut in a small distance in front of your roller or pad applicator. **DO NOT** pour or pool stain on the floor.
- Parquetry – apply the stain in an even application across the narrowest part of the floor from side to side until the whole area is stained.

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- Even application of the stain is essential to ensure a uniform even colour.
- Allow the stain to dry before applying coatings (see recoat time).
- Ensure adequate coating is applied to seal AQUAPRO 2120 Stain to reduce the risk of sanding through the sealer coat. If this happens, it is possible to reapply the stain to these areas to re-colour the exposed timber.

First Coat / Sealer product options: FASTASEAL 3030 Clear Sealer, FASTASEAL 3540 Clear Sealer, DURAPOL 1045, 5840, 1044, 1050, NATUROIL 3100, 3120 or POLYTHANE 2043 Two Pack

Second and Final coat: Any of the above plus, AQUAPRO 8270 Advance 2K or NATUROIL 3115 Low Sheen or DURAPOL Low Sheen coatings

Toning / Colouring AQUAPRO Coatings

Add up to 3% (30ml in 1 litre) of AQUAPRO 2120 Stain (unreduced) to the AQUAPRO coating. Mix thoroughly. Apply uniformly to avoid a patchy result.

IMPORTANT: adding more than 3% may result in noticeable lap marks. Do not add stain that has been reduced.

Properties	Colour	Primary Colours #5000 Yellow #7000 Red #8000 Blue #9999 Black	Premixed Colours #6001 Maple #6004 Oak #6007 Teak #6008 Walnut
	Finish	NA	
	Thinner	AQUAPRO 1320 Slow or 1330 Medium Reducer	
	Pack Sizes	1L & 5L	
	Product Code	2120	
	Clean Up	Water or AQUAPRO 1320 or 1330 Reducer	
	Shelf Life	60 months (store in sealed container below 35°C)	

Health & Safety

Before handling, refer to the 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 SDS 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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