

AQUAPRO 2120 Water Based Dye Stain

AQUAPRO 2120 is a water based dye stain designed to achieve consistent colour with excellent clarity. It is available in 8 bright vibrant colours which can be blended to promote an unlimited colour range.

Product Advantages

- Versatile - Can be applied over all species of wood and wood veneers.
- Medium-Slow Dry Speed resulting in a uniform colour.
- Universal application properties including spray, brush, wiping or roller/pad applicator
- Good light stability for a dye stain thereby providing more consistent colours
- Low odour means a more pleasant and safer environment for contractors/applicators and home or business owners.
- Non-flammable – No Class 3 goods flammable storage required
- Universal – May be top coated with AQUAPRO Water based, DURAPOL Moisture cure, NATUROIL Oil finishes and FASTASEAL sealers.

Typical Applications

Interior use only. Architraves & skirting boards, timber floors, timber quadrant & beading.

Product Properties

Colour Range: See Page 7 of the Price List

Custom Matched Colours:

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.
Available on request. Minimum order 5 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.
- Standard Paint or Roller Frame** Fitted with 6mm nap mohair roller or flat pad applicator commonly used to apply wall paints.
- Quality Brush** Use to cut in and stain small areas.

Colour Adjustment/Thinning:

To lighten the colour or reduce the intensity of AQUAPRO 2120 Stain, add AQUAPRO 1320 Slow Stain Reducer or AQUAPRO 1340 Fast Stain Reducer into AQUAPRO 2120. Always record the amount of reducer added so that the colour can be reproduced in the future. Note: The addition of AQUAPRO 1320 Slow Stain Reducer will also lengthen the dry time of the stain on the floor. AQUAPRO Stain Reducer may be applied into AQUAPRO 2120 Water Based Stain at any addition rate between 1:1 and 1:6 (1 Part Stain to 6 Parts Reducer) depending upon the application properties and colour requirements.

Prior to application a colour test area should be completed and approved prior to staining the floor. The addition of AQUAPRO Stain Reducer will allow the stain to dry at a uniform rate across the floor.

Application Properties:

When applying AQUAPRO 2120 on larger areas, Polycure recommends that AQUAPRO 2120 be reduced with either AQUAPRO 1320 Slow Stain Reducer or AQUAPRO 1340 Fast Stain Reducer. This will allow the stain to flow and level providing a uniform colour on the floor while helping to reduce any roller marks. The reduced AQUAPRO 2120 stain must be applied in an even wet coat to achieve a uniform colour across the floor. Ensure that the stain is applied in one continuous application across the whole floor on the same day.

Note: Due to the effects of temperature and environmental factors on the drying of stains, sections of the flooring stained at different time periods may dry to a slightly different colour. Areas which are stained at different time periods may not match exactly to previously stained areas.

Drying: AQUAPRO 2120 Stain Reduced with:

	AQUAPRO 1340 Fast Reducer	AQUAPRO 1320 Slow Reducer
Touch Dry:	2-3 hours	5-6 hours
Recoat:	6 hours	24 hours

Note: Drying time will depend upon the amount of Stain Reducer added and the amount of stain applied. Dry time is also dependent upon ambient temperature and humidity.

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.

Note: Low temperatures, high humidity, damp conditions and/or airflow will extend drying time.

Application System

Before starting 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. Cover glass windows and doors with black plastic or paper. Seal off any draughts that may cause the stain and coatings to dry faster.

- Before applying any stain onto the main timber floor area prepare a small sample test area to check the colour and application of the mixed stain.
- Prepare the surface by filling all nail holes and imperfections in the wood with a water based timber putty. Allow to dry thoroughly (normally 2-4 hours/deep holes could take 24 hours).
- 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.
- 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. 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. Ensure the stain is dry before the coating is cold, wet or humid weather will slow the drying of the stain and extend the time before any coatings can be applied.

- AQUAPRO 2120 can be over coated with a variety of Mirotone's Floor coatings. (See application table below).

Stain	First Coat/sealer coat	Sanding	Second coat	Sanding	Final Coat
AQUAPRO 2120 Water Based Stain	AQUAPRO 8069 Hitek or 8020 Clear Sealer	No Sanding	AQUAPRO 8069 Hitek or 8270 2K Advance	Sand with 180-220 Screen Back	AQUAPRO 8069 Hitek or 8270 2K Advance
Dry time when mixed with Reducer: AQUAPRO 1320 Slow Reducer 24 hours at 20°C	FASTASEAL 3535, 3528	No Sanding	AQUAPRO 8069 Hitek or 8270 2K Advance	Sand with 180-220 Screen Back	AQUAPRO 8069 Hitek or 8270 2K Advance
	DURAPOL 5845	Sand with 180 screen back	DURAPOL 5845	Sand with 150-220 Screen Back	DURAPOL 5845
	FASTASEAL 3528, 3535	No Sanding	DURAPOL 5845 or 8069	Sand with 150-220 Screen Back	DURAPOL 5845 or 8069
	NATUROIL 1420	Sand with 180 screen back	NATUROIL 1420	Sand with 150-220 Screen Back	NATUROIL 1420
AQUAPRO 1340 Fast Reducer 6 hours at 20°C	FASTASEAL 3528	No sanding	NATUROIL 1420	Sand with 150-180 Screen Back	NATUROIL 1420

- Ensure that the adequate coating is applied to seal AQUAPRO 2120 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.
- Allow these areas to dry for approximately 1 hour and then apply the next coat of DURAPOL, NATUROIL or AQUAPRO.
- When staining the floor with AQUAPRO 2120 and finishing in AQUAPRO 8069 Hitek or AQUAPRO 8270 2K Advance, Mirotone recommends the application of two coats of AQUAPRO 8069 Hitek before sanding and then the final coat of AQUAPRO 8069 Hitek or a coat of AQUAPRO 8020 Clear Sealer plus a coat of AQUAPRO 8270 2K Advance before sanding and then a final coat of AQUAPRO 8270 2K Advance.

Application Equipment Clean Up: Clean all equipment using water or one of the AQUAPRO reducers.

Shelf Life: 12 months, see label for use by date. All product must be stored in sealed containers below 35°C. Do not use product is past use by date.

Packaging: AQUAPRO 2120 Water based Dye Stain 1 & 5 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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