

# Colourglow Penetrating Stains



## DESCRIPTION

Solvent based stain. Dye based without binder.

## INTENDED USE

Solvent based stains available in a comprehensive selection of wood and pastel shades. Specifically formulated to give the degree of penetration and depth of colour required. Based on good quality dyestuffs and pigments they exhibit excellent appearance, application properties and light fastness in internal situations

## PRODUCT FEATURES

- Enhances the appearance of the wood grain by soaking into the surface. This gives a 3 dimensional appearance to the wood when coated by the finishing system.
- Due to the restricted solubility of the dyestuffs, the stains do not 'bleed' out of the finish.
- Available in a wide range of colours
- Can be over coated with a variety of sealer and topcoat systems – lacquers, reaction lacquers, polyurethanes and water based finishes.
- No influence on adhesion of subsequent finishes
- Excellent transparency and visibility of the wood grain
- Can be shaded using *Colourglow Matching*

## LIMITATIONS

- Cannot be applied over traces of finishes or smears of adhesive. The result will be a patch of unstained timber where the stain was unable to penetrate the grain
- Flammable – keep away from sources of ignition such as smoking

## PACKAGING

- 5lt and 20lt units

## STANDARD COLOUR AVAILABILITY

Available in basic shades of brown, blue, red, and yellow which are mixed with a special clear diluent to adjust strength. From these basic colours all timber colours can be matched

## PRODUCT INFORMATION

- **Number of Components:** 1
- **Mixing Ratio:** n/a
- **Density (typical):** 0.90 kg/litre
- **Film Thickness:** Wet - 20 - 30µm
- **Spreading Rate:** 10 - 15m<sup>2</sup> / lt @ 20µm WFT
- **Drying Time: @ 25°C:** 2 hours
- **Viscosity:** 12secs. Ford Cup 4
- **Temperature Resistance:** 60°C

## SURFACE PREPARATION

- Surfaces must be clean, dry, free from oils, grease, and any other forms of surface contamination
- The timber surface must be in condition ready to receive the first sealer coat. To ensure uniformity of penetration, all traces of previous finishes or smears of adhesive must be removed by sanding. The wood surface must be in its raw, unfinished state
- Loose fibre must be removed and the surface sanded to a smooth finish, working in the direction of the grain
- Sharp edges must be rounded off. Dust thoroughly
- Sanding after application of the *Colourglow Penetrating Stains* must be avoided to ensure that the layer of stained timber on the surface is not disturbed or broken through in any way prior to the first sealing operation



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## APPLICATION

### Mixing – One Component

- Stir well with a flat-bottomed paddle until product is uniform.

### Application – Equipment & Methods

- The stain should be applied directly onto the timber. Application can be carried out by rag, spray or dip. Excess is normally removed by wiping within one or two minutes of application, but if required it is possible to spray and leave to dry, giving a more even appearance.

Rags	Apply by rag. Remove excess by wiping within one or two minutes of application
 Brushes	Use for application and remove with rags in the direction of the grain
Spray	Spray and leave to dry, giving a more even appearance.

### Thinning

- Not recommended

### Cleaner

- For cleaning use *Speccoats SA 65 Thinners*

## APPLICATION ENVIROMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	0%
Maximum	35°C	40°C	85%

\*or 3° above the dew point

## DRYING TIME

Touch dry 30 minutes at 25°C for 20µm WFT at 65% RH	Hand-able time		Dry to overcoat 120 Minutes
	Light 30 Minutes	Lifting 90 Minutes	

## STORAGE AND HANDLING

**Storage -** Store at temperatures between 5°C and 40°C, away from direct sunlight

**Flash point** 32°C

## HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

## DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 15/02/2011**