

## 935 NGR Stain

### PRODUCT DESCRIPTION & USES

A traditional solvent based dye stain suitable for all quality interior timbers.

Superb results will be obtained by a skilled applicator on high quality timber. Variable results will be obtained on absorbent timber such as Pine or distressed, bruised or lower grade cuts of timber. **935 NGR Stain** should be used with discretion on such timbers.

Not recommended for use on processed boards such as particle board or MDF. For an easy to use stain on these boards, Pine or lower grade cuts of timber use **768 Wiping Stain**.

### PRODUCT FEATURES

- Good light fastness
- Suitable for high grade timbers
- Suitable, in the hands of skilled applicators, for floor staining
- Ideal for shading and spray-staining
- Easy application by wiping or spraying
- Made in New Zealand for New Zealand timbers and conditions

### TECHNICAL DATA

Gloss Level	Not applicable
Primer	Not applicable
Wash Up	<b>002.935 NGR Thinner</b>
Colours	Wide variety of natural timber colours. Special colours by application.
Product Size	1L, 4L, 20L
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years
Toxicity	Formulated without added lead or mercury. Dried stain is non-toxic. Suitable for use on toys or items that may be chewed.
VOC content	850g/L as per EC-07-09 and APAS definition of Volatile Organic Compound
Volume Solids	Not applicable
Wet Film Thickness	Not applicable
Dry Film Thickness	Not applicable
Coverage	10-12 m <sup>2</sup> /L when wiped, 8-10 m <sup>2</sup> /L when sprayed depending on porosity of timber and colour strength required.

### SUBSTRATE PREPARATION INSTRUCTIONS

General Surface Preparation: Surfaces to be stained must be clean with all traces of grease, wax, oil or silicone. Sand timber smooth with 180-240 grit dri-lube abrasive paper prior to staining.

Suitable for bare timber or for the shade staining of timber sealed or finished with a nitrocellulose lacquer. Strip any other type of coating and prepare timber to an as new state prior to staining.

Fill any holes and minor imperfections with a suitably coloured timber putty before staining.

Test stain on an off-cut or in a hidden area of the timber item to ensure colour is suitable for your requirements prior to staining. Assess the colour after finishing the stained timber with your anticipated finishing system. Finishing the timber changes the perceived colour.

### RECOMMENDED APPLICATION METHODS AND TECHNIQUES

Thin, if required for ease of application or to reduce colour strength, with **002.935 NGR Thinner**. **935 NGR Stain** can be diluted as much as needed with **002.935 NGR Thinner** to achieve the required colour intensity.

Apply using a cloth pad or by conventional spray. To avoid colour variation and lapping complete a surface in one wiping operation, always finishing off in the direction of the grain.

For flooring application the stain should be applied in broad strokes, finishing off with the grain of the timber. Ensure a wet edge is maintained at all times. To avoid patchiness and to ensure an even colour it is recommended that **935 NGR Stain** be diluted equal parts with **002.032 Portco Moisture Cured Thinner** or **002.935 NGR Thinner** prior to application by mop or rag to the floor.

If applying **935 NGR Stain** in very hot conditions you can add as much **002.035 2K Thinner** as required to assist with application.

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**NOTE:** The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.



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**Stains should be in the timber, not on the timber.**

Immediately after staining timber can be sealed or finished as required.

For furniture application seal with **932-000 Sanding Sealer** or **930-000 Customwood Sealer**, finish with **936 Precat Lacquer** in the sheen level of your choice.

For flooring application finish the stained floor with **777-000 Fina Glow Polyurethane**.

Minimum Surface Temperature:	5°C
Maximum Relative Humidity:	95%
Temperature Range:	5°C - 35°C
Suitable Application Methods:	Wiping or Spraying
Thinners:	<b>002.935 NGR Thinner</b>
Cleaning Solvent:	<b>002.935 NGR Thinner</b>
Max, Volume Thinners:	To colour
Conventional Spray:	Fluid nozzle: 1.5 - 2.0mm, Pressure to the gun: 210 - 350kPa (30 - 50psi)
Airless Spray:	Fluid nozzle: 9 - 11 thou, Pump ratio: 16:1 to 20:1, Pump pressure: 7,000 - 10,000kPa (1000 - 1500psi).

### DRYING CHARACTERISTICS

All figures quoted are at 25°C and 65% relative humidity.

Drying will take longer at lower temperatures and/or at higher relative humidity.

Do not stain when temperature of surface is below 5°C or above 35°C.

Touch Dry: 1 hour

Recoat: 1 hour

### HEALTH & SAFETY

#### CAUTION! FLAMMABLE

Contains petroleum solvents: keep away from heat and open flame. Close container when not in use.

#### KEEP OUT OF REACH OF CHILDREN

WARNING: This material may be harmful if swallowed or inhaled and may cause skin or eye irritation.

PRECAUTIONS: Avoid breathing vapour -- use with adequate ventilation. Do not eat, drink, or smoke whilst using. Store in a cool, well ventilated area indoors between 5°C - 20°C. Dispose of empty container safely. Empty cans or cans containing dry material may be recycled. Do not contaminate any water supply.

#### FIRST AID

If Swallowed: Give water to dilute. Owing to the aspiration hazard of hydrocarbon solvents, DO NOT CAUSE VOMITING. Get medical attention without delay.

Eye Contact: Treat immediately with water -- hold open and flush for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: Remove any contaminated clothing and wash skin thoroughly with soap and water. Avoid scrubbing skin.

Inhalation: Leave the hazard area, maintain breathing and get medical attention.

FIRE: Use foam, carbon dioxide or dry chemical powder.

SPILLS: Absorb with sand or earth. Collect and seal in properly labelled drums for disposal according to local waste management authority.

Refer MSDS, available on request, for detailed safety instructions.