

GOUDEY

Stain · Lacquer · Finishing Supplies | 1943



goudey.ca



D Series ALCOHOL BASED NGR STAINS

PRODUCT CODES

- | | |
|-------------------|--------------------|
| D501 Orange | D533 Teak |
| D502 Yellow | D534 Mahogany |
| D503 Red | D535 Oak |
| D504 Green | D536 Cherry |
| D506 Black | D537 Medium Walnut |
| D507 Blue | |
| D521 Brown Walnut | SIZES |
| D529 Dark Walnut | 1L, 4L, 20L |

Goudey **NGR stains** are fast drying transparent alcohol based stains that are for interior wood projects. They are designed in a ready to spray formula and feature exceptional clarity and depth of the colour. Goudey offers a broad range of 13 stock colours that may be blended together to produce a myriad of hues.



PRODUCT ADVANTAGES

- Outstanding uniformity of colour
- Excellent clarity
- Ready to spray application
- Fast drying
- Non-grain raising
- Fully compatible with Goudey sealers, and topcoat systems

APPROVED COMPANION PRODUCTS	COATING PROPERTIES		DRY TIMES	
W Series Wiping Stains	Viscosity(Zahn#2@25°C)	14 sec	Air Dry	
831, 850 and 860 Sanding Sealers	Specific Gravity	0.79 gr/cm ³	To Touch	1-3 mins
Traditional Water White Lacquers	VOC (coating)	785 g/l	To Handle	5 mins
PC-2 & PC Ultra Pre-Catalyzed Lacquers	Dry Film Thickness	1 mil per coat	To Topcoat	30 mins
Beautylac Post-Catalyzed Lacquers	Pot Life	N/A		
CV Series Conversion Varnishes	Shelf Life	N/A		
WBLQD Series Water-Based Lacquers	Storage	Must be kept away from heat or sparks		
736 NGR Stain Reducer				
788 Lacquer Reducer				
700 Methyl Hydrate				

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

New Wood:

1. Remove dirt, grease, glue or other contaminants.
2. Ideal substrate moisture content is 7-9%.
3. Sand wood with 150/180 grit sandpaper.

Old Wood:

1. Strip old finishes completely and remove all surface contaminants.
2. Make sure surface is dry, sand as required then follow application instructions.

MIXING

1. Mix material thoroughly by hand or mechanical agitation BEFORE and DURING use for even distribution of colour.
2. Reduce, if desired, with Goudey 736 NGR Stain Reducer.

APPLICATION

The customer is responsible for following the recommended application procedures. Failure to do so will likely result in unsatisfactory product performance. Always test the complete coating system **prior** to the start up of production.

1. Apply an even wet coat by spray. This product may be wiped, but requires careful technique.
2. Let dry for 1-3 minutes.
NOTE: More than one coat may be required to achieve desired appearance.

3. (Optional) Apply Goudey solvent based wiping stain or paste wood filler over the NGR to create an exceptionally deep, vibrant colour that highlights the grain pattern of the wood. Refer to the technical data sheets for these products for dry times and application techniques).
4. Topcoat with an approved Goudey finish system or sealer.
NOTE: NGR stains can be added up to 10% by volume to any of the approved sealers and topcoats to produce toners.

PRECAUTIONS

Equipment

Goudey NGR stains may be applied using most common spray processes, with the exception of air-assist and airless. Spray equipment should be operated at low volume/low pressure settings. Hot spray systems are not advised due to the catalytic nature of the material. Starting point settings are as follows:

Conventional Siphon:

Atomizing Air	45 to 55 psi
Needle	30 to 50%

Conventional Pressure Pot:

Atomizing Air	40 to 50 psi
Pot Air	7 to 12 psi
Needle	20 to 30%

Conventional HVLP:

Atomizing Air	55 to 60 psi
Pot Air	7 to 12 psi
Needle	20 to 30%

Turbine HVLP:

Atomizing Air	75 to 100 psi
Pot Air	7 to 120 psi
Needle	50 to 70%

Containers

Goudey NGR stains are to be considered as flammable. This is supplied in approved lined plastic containers.

Clean Up

Equipment coated with or containing NGR stains should be cleaned immediately after use if it is not going to be used again within 30 mins. Clean out with Goudey 736 NGR Reducer or 788 Lacquer Reducer. If leaving equipment for only short periods of time, ensure that all lines remain charged while not in use.

DISCLAIMER These products are designed **for industrial use only**. Goudey views safety as a top priority. Please refer to the Safety Data Sheet for information on the safe use of this product. Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.