



B7734 Furniture Grade Stain Base

B7734 is a high quality, solvent borne, alkyd derived stain base designed for spray, wipe or brush application directly to bare wood. It has been specifically formulated to work in conjunction with both 844 Series Colourants and Nerosol Dye Concentrates. It features extended open time, high wood penetration, excellent grain enhancement and outstanding wiping properties.

SUGGESTED APPLICATIONS

- Interior trim and millwork
- Cabinets and furniture
- General wood products

KEY PERFORMANCE FEATURES

- Extended open time
- Excellent grain enhancement
- Excellent application properties
- Easy wipe off
- Excellent pigment and dye compatibility
- Excellent suspension / non-settling properties

RELATED PRODUCTS

844 Series Colourants
Nerosol Dye Concentrates
All KCI Pre- and Post-Catalyzed Clear Sealers and Topcoats



PHYSICAL PROPERTIES

Available Sheens	n/a
Weight Solids	14.00 % ± 2
Volume Solids	11.89 % ± 2
Viscosity	12-15" @ 25°C Ford 4
Specific Gravity	0.9080 +/- 0.01 gms/cc @ 25°C
VOC	781 g/l
Typical coverage	varies according to tint load and wood species and desired appearance

ADDITIONAL CHARACTERISTICS

Reduction	up to 10% (vol.) T4150 Xylol to speed up
Retarder	up to 10% (vol.) T5257 50/50 Stain Reducer to slow
Clean-up	CA4420 Gun Wash
Shelf-life	1 year from date of manufacture
Dry Times	
26°C (-78°F) 50%RH	
To Touch	5-10 minutes
To Sand	60 minutes

Note: Drying times will decrease at higher temperatures/lower humidity and will increase at lower temperatures/high humidity

COLOUR DEVELOPMENT – B7734 can be tinted up 15% by volume with 844 series colourants and up to 5% by volume with Nerosol Dye Concentrates. A maximum 10% by volume T4150 Xylol can be added to speed up the dry and a maximum 10% by volume of T5257 50/50 Stain Reducer can be added to slow the dry.

COATING PREPARATION – Ensure that product is thoroughly mixed prior to any addition of colourant and thinners. Ensure all colourants have been mixed into solution prior to application otherwise colour variations may occur.

SURFACE PREPARATION - Wood surface should be clean, dry and free from any oil or grease. Sand surface smooth with 150-180 grit sandpaper to ensure proper stain penetration and adhesion.

APPLICATION – B7734 can be applied by brush, wipe or spray. Spray equipment should be operated at low volume / low pressure settings. A full wet coat of stain should be applied to the substrate. It is critical that excess stain be wiped off the substrate with a clean lint free rag between 1 minute (for light colour) and 5 minutes (for dark colour) after application.

NOTE: Used / stain soak rags should be stored in an approved fire-rated container. If the wood colour is not dark enough after the first application of stain, a second coat may be applied as above. If the stain is still not dark enough at this point, please contact a KCI representative for an alternate finishing system recommendation.

The stain should be dried for a minimum of 1 hour at room temperature prior to over coating with a sealer or topcoat. The recoat time may be shortened with the addition of heat and ventilation.

SAFETY – During application, always wear eye protection, gloves and appropriate work clothing to minimize contact. Use a respirator and safety glasses at all times when spraying. Explosion proof ventilation is required with special consideration for enclosed or confined areas. Use caution when handling flammable liquids and eliminate sources of ignition and uncovered containers from the work place. Vapours formed from this product may travel or be moved by air currents and ignited by pilot lights, light switches, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the product.

B7734 Furniture Grade Stain Base (cont'd)

PERFORMANCE TESTING / FILM CHARACTERISTICS

Due to a wide variety of wood application methods and surface preparations, it is highly recommended that the complete system be tested for appearance, adhesion and compatibility prior to full scale production.

B7734 has been specifically formulated to be used in conjunction with KCI Pre-Catalyzed and Post-Catalyzed clear sealers and topcoats. If products from other manufacturers are used, the system should be thoroughly tested prior to production and is not the responsibility of Katilac Coatings Inc.

DISPOSAL - Disposal of chemicals and their solutions should be done according to local, provincial and federal regulations. Safety Data Sheets are available and should be consulted when handling products. These products are for industrial and professional use only; Application directions must be followed.

WARRANTY – Katilac Coatings Inc. warrants that its products are free from defects in manufacture for a period of one (1) year from date of purchase, if used prior to expiration date and applied and used in accordance with Katilac Coatings' most current published specifications applicable to such products. Katilac Coatings Inc. expressly disclaims all other warranties, express or implied, including the implied warranties of merchantability and fitness for purpose. Katilac Coatings Inc. disclaims all liability for incidental, consequential or indirect damages of any nature whatsoever. This warranty cannot be changed or modified whether by course of dealing, custom or trade or otherwise, unless agreed to in writing by Katilac Coatings Inc.



Ver10/23 Supersedes all previous versions.
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