



STAYS CLEAR[®]

ACRYLIC POLYURETHANE FLOOR & TRIM
VARNISH HIGH GLOSS K422

Features

- Does not yellow like solvent based varnishes & polyurethanes.
- Tintable to many decorative shades.
- Quick dry and re-coat.
- Soap and water clean up.

General Description

A premium quality product that combines the attributes of polyurethane and acrylic to produce a clear, durable, non-yellowing finish. Dries quickly and with low odour. Finished surface provides high resistance to abrasion and protection against alcohol, water, and most household chemicals and stains.

Recommended For

Applicable for new or previously painted, stained, or varnished interior wood surfaces including floors. Can also be used as a protective coating over previously painted surfaces.

Limitations

- Do not apply when air and surface temperatures are below 10 °C (50 °F)

Product Information

Colours:—Standard:

Clear
(May be tinted with up to 2.0 fl. oz of Benjamin Moore[®] Colour Preview[®] colorants per 3.79L.)

—Tint Bases:

Not available

—Special Colours:

Contact your Benjamin Moore representative

Certification:

VOC compliant in all regulated areas.

Master Painters Institute MPI #130

Qualifies for
LEED[®]
Credit
(INTERIOR CLEAR
WOOD FINISHES)

CUSTOMER SERVICE INFORMATION CENTRE:

1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca

Technical Data[◇]

Low Lustre

Vehicle Type	Acrylic Polyurethane
Pigment Type	None
Volume Solids	28%
Coverage per 3.79 L at Recommended Film Thickness	32.5 – 41.8 sq. m. (350 – 450 sq. ft.)
Recommended Film Thickness	– Wet 4.0 mils – Dry 1.1 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.	
Dry Time @ 25 °C (77 °F) @ 50% RH	– To Touch ½ Hour – To Recoat 3 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times	
Dries By	Evaporation, Coalescence
Viscosity	72 ± 2 KU
Flash Point	None
Gloss / Sheen	High Gloss
Surface Temperature at Application	– Min. 10 °C (50 °F) – Max 32.2 °C (90 °F)
Thin With	Clean Water
Clean Up Thinner	Clean Water
Weight Per 3.79 L	3.9 kg (8.6lbs)
Storage Temperature	– Min. 4.4 °C (40 °F) – Max 32.2 °C (90 °F)

Volatile Organic Compounds (VOC)

270 g/L

[◇] Reported values are for Clear. Contact Benjamin Moore for values of other bases or colours.

Surface Preparation

Surfaces to be finished must be free from wax, dirt, grease, dust, and other contaminants. Glossy surfaces must be dulled with sandpaper or synthetic steel wool. **Do not use steel wool loose fibers will cause rusting in the finish coat.** Open grained woods such as oak or mahogany that will be subject to water or liquid spills should be filled with wood grain filler following manufacturer's directions. Apply Benjamin Moore® Interior Wood Finishes Penetrating Stain (F241) as needed.

Note: The application of this or any clear acrylic finish over fresh alkyd coatings may cause yellowing of the basecoat.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html

Primer/Finish Systems

Raw Wood: New interior wood must be sanded smooth. Use fine sandpaper following the grain of the wood to achieve a smooth finish. Stays Clear® Acrylic Polyurethane Floor & Trim Varnish may be used as both the sealer and finish on raw wood. Allow sufficient dry time before sanding lightly and applying topcoats.

Sealer: 1 coat Stays Clear® Acrylic Polyurethane Floor & Trim Varnish.

Finish: 1-2 or more coats Stays Clear® Acrylic Polyurethane Floor & Trim Varnish.

Old Finishes Do not apply over sealers containing silicones, wax, or stearate. Remove old finishes which are chipping, peeling, or in otherwise poor condition. Remove any and all old finishes containing wax or stearate. Other finishes in good condition must be sanded lightly with fine sandpaper until smooth. Surfaces requiring complete restoration must have the finish removed by either power sanding or use of paint and varnish remover, then treated as new surface.

One-Day Finishing (Floors) Apply in thin, even coats following grain of wood. For 3 coat/1-day application, allow at least 3 hours dry time between coats. Sand lightly with fine sandpaper between applications. If sandpaper gums when sanding, insufficient drying time has been allowed between coats. Optimal conditions are 15.5 °C to 26.6 °C (60 °F to 80 °F) and 30% to 60% relative humidity. After final coat has been applied, avoid heavy traffic on floors during the initial 24 hours. In addition, care should be taken during first week after application, especially when replacing furniture.

For best results on high traffic commercial floors use Polyurethane Finishes — High Gloss (F/K428) or Low Lustre (F/K435).

Application

Allow a minimum of 3 hours dry; then sand lightly, rubbing with the grain, before recoating. For optimal performance a minimum of two coats are required for furniture or trim. Floors require 3 or more coats. Allow final coat to harden for 24 hours before subjecting to normal floor traffic.

Brush: Stir thoroughly and apply as received in the container with a good quality synthetic brush or painting pad. Apply along grain of the wood in thin, even, uniform coats. Keep a wet-edge during application and avoid working back into partially dry areas.

Roller: Large smooth surfaces can be coated using a short-nap roller or pad applicator in thin, even, uniform coats. Keep a wet-edge during application and avoid working back into partially dry areas.

This product can also be sprayed.

Spray, Airless: Fluid Pressure —1,500 to 2,000 PSI;

Tip —.011 - .015 Orifice;

Thinning/Cleanup

Do not thin; thinning will reduce the sealing ability of this product. Do not add other paints or solvents. Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or provincial environmental agency on disposal options.**

Environmental, Health & Safety Information

CAUTION! Contains glycol ethers VAPOUR HARMFUL

Contains n-methyl pyrrolidone which CAN BE ABSORBED THROUGH THE SKIN. MAY CAUSE REPRODUCTIVE ORGAN DAMAGE.

This waterborne system contains less than 5% Glycol Ethers. Use adequate ventilation during application and drying. Do not breathe vapours or spray mist. Do not get in eyes or on skin. Wear eye protection and solvent impermeable gloves during application or sanding. Close container after each use. Wash thoroughly after handling. A dust/particulate respirator approved by NIOSH should be worn when sanding or spraying.

FIRST AID: If affected by inhalation of vapours or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call physician; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF: FIRE — Use foam, CO₂, dry chemical, or water fog.

SPILL — Absorb with inert material and dispose of as specified under "Thinning/Clean Up".

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Material Safety Data Sheet for
additional health and safety information.**