POLYURETHANE
INTERIOR WOOD FINISH
HIGH GLOSS F428

Features

- Extremely tough and serviceable
- Easy to apply
- Resistant to abrasion, hot water, alcohol, food acids, and common solvents.

General Description

An extremely durable polyurethane clear coating. Also available in Flat (F424) and Low Lustre (F435).

Recommended For

For interior wood surfaces such as unfinished or previously finished doors, trim, cabinets, panelling, residential and gymnasium floors, benches, furniture, tabletops and bars

Limitations

- Do not apply when air and surface temperatures are below 15.5 °C (60 °F).
- Avoid application over shellac or sanding sealers.
- Three coats are recommended for maximum durability on floors.

Product Information

Colours — Standard:
Clear

— Tint Bases:
Not available.

— Special Colours:
Contact your Benjamin Moore representative.

Certification:
VOC compliant in all regulated areas

Master Painters Institute MPI #56

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

Technical Data◊		Clear
Vehicle Type		Urethane
Pigment Type		None
Volume Solids		57%
Coverage per 3.79 L at Recommended Film Thickness		46.5 – 55.7 sq. m. (500 – 600 sq. ft.)
Recommended Film Thickness	– Wet – Dry	2.9 mils 1.6 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 – To Recoat	3 Hours Overnight†
Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times. Allow final coat to harden 24 hours before subjecting to normal floor traffic.		
Dries By		Evaporation, Oxidation
Viscosity		60 ± 3 KU
Flash Point		Combustible
Gloss / Sheen		High Gloss
Surface Temperature at Application	– Min. – Max.	15.5 °C (60 °F) 32.2 °C (90 °F)
Thin With		Do Not Thin
Clean Up Thinner		Mineral Spirits
Weight Per 3.79 L		3.5 kg (7.8 lbs)
Storage Temperature	– Min. – Max.	4.4 °C (40 °F) 32.2 °C (90 °F)
Volatile Organic Compounds (VOC)		
348 g/L		

◊Reported values are for Clear. Contact Benjamin Moore for values of other bases or colours.

Surface Preparation

Wood, New (Stained): All surfaces must be dry and sanded smooth, and free of dirt, dust, or grit. All nail holes, cracks, and blemishes should be repaired after staining, and filler tinted to match colour of the stain. Open grained wood such as oak or walnut should be filled with wood grain filler following manufacturer's directions. Apply Benjamin Moore® Interior Wood Finishes Penetrating Stain (F241) as needed.

Wood, Re-stain: Surfaces that have been treated with wax or oily surface restoration liquids must be thoroughly cleaned with appropriate solvents. Periodically change to clean wiping cloths to avoid redistribution of residue. Special attention should be given to removal of black heel marks on floors. Flaking or scaling coatings must be removed by scraping and sanding with fine grit sandpaper. To assure adhesion, glossy surfaces must be dulled with fine grade steel wool or sandpaper. 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. Apply Benjamin Moore® Interior Wood Finishes Penetrating Stain (F241) as needed.

Finish*:* Apply 2 coats of Benjamin Moore® Interior Wood Finishes Polyurethane Finish.

Floors: All surfaces must be dry and sanded smooth, and free of dirt, dust, or grit. All nail holes, cracks, and blemishes should be repaired after staining, and filler tinted to match colour of the stain to match colour of the wood. Open grained wood such as oak or walnut may be filled if desired, with wood grain filler following manufacturer's directions.

Finish: Optimal performance requires 3 coats of Benjamin Moore® Interior Wood Finishes, Polyurethane Finish.

Allow final coat to harden for 24 hours before subjecting to normal floor traffic.

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. Clean up carefully with a HEPA vacuum and a wet mop. 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.

Application

Stir thoroughly and apply as received in the container with a good quality china bristle or synthetic brush, a short nap roller, or an application pad.

Allow an overnight dry; then sand lightly, rubbing with the grain, before recoating. For maximum wear, a minimum of two coats is advisable on trim and doors. A minimum of three coats is advisable for floors.

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

Tip .011 - .013 Orifice

Thinning/Cleanup

Do Not Thin

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

DANGER OF COMBUSTION

Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN

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

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