

MINWAX® Technical Data Sheet
MINWAX® POLYSHADES

DESCRIPTION:

Minwax Polyshades combines stain and polyurethane in one simple step. Each coat provides rich color and lasting protection while enhancing the wood grain. This product will reduce finishing time compared with staining with one product and protecting with another. Polyshades stain and polyurethane also allows you to easily change the color of your currently stained or varnished wood without stripping. Over old varnish you can change the color without removing the old finish or hiding the grain.

Polyshades is available in 12 colors in both satin and gloss sheens.

RECOMMENDED USE:

Minwax® Polyshades® can be used on all interior wood surfaces with the exception of floors.

SURFACE PREPARATION:

1. Surface must be dry and free from wax, grease, and dust. Do not use over paint, lacquer, shellac, polishes, or products containing stearates.
2. Sand raw wood smooth. Sand old finishes lightly to aid adhesion. Remove all sanding dust.
3. To help ensure even stain color penetration, pre-treat raw soft or porous woods such as pine, maple, alder, and birch with Minwax® Pre-Stain Wood Conditioner. To determine if you are working with soft wood, press your fingernail against a hidden section of the wood. If you make a dent, the wood is soft and needs conditioning. Apply Wood Conditioner, allow to penetrate for 5-15 minutes, and then wipe off excess. Apply Polyshades® within 2 hours of pretreatment.

PRODUCT PREPARATION & COLOR TESTING

1. Stir well before and occasionally during use. Do not thin.
2. Test stain on hidden area of the wood to ensure that the color is what you desire.

APPLICATION NOTES:

- 1) Two coats are recommended for maximum beauty and protection.
- 2) Brush on a thin, even coat in the direction of the grain. Be sure to maintain a “wet edge.”
- 3) Let dry 8 hours or more, then rub surface with fine steel wool (grade 000 and finer). Remove all dust.
- 4) Brush on a second thin coat following directions above. NOTE: You may apply more than two coats if you want to deepen the color.

Read all label directions and cautions carefully before use.

DRY TIME:

Above dry times are based on application of thin coats, good ventilation, average temperature of 77°F and 50% relative humidity.

NOTE: Dry time may be extended due to high humidity, low temperatures, inadequate ventilation, or if the coat is applied too thick.

MAINTENANCE:

Damp wiping with Minwax® Wood Cleaner is recommended. Mild detergent and water may also be used. Do not use abrasive pads.

CLEANUP/STORAGE:

Use mineral spirits or paint thinner. Do not store near heat, sparks, open flames or other sources of ignition. Close container after each use. Store only in original container.

SAFETY:

Read all label directions and cautions carefully before use.

DANGER: Contains Mineral Spirits. Harmful or fatal if swallowed. Do not take internally. Skin irritant. Avoid contact with skin and eyes. Wear rubber gloves and safety glasses when handling. Use only with adequate ventilation and avoid inhalation. If using indoors, open all windows and doors to make sure there is fresh air movement. Do not use or store near heat, sparks, flame or other sources of ignition. **KEEP OUT OF REACH OF CHILDREN. FIRST AID:** If swallowed do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. For skin contact, wash thoroughly with soap and plenty of water. If irritation persists, get medical attention. In case of eye contact, flush eyes, remove any contact lenses, and continue flushing eyes for at least 15 minutes. If affected by inhalation remove to fresh air. Get medical attention if needed.

Contact a Physician for more health information.

PHYSICAL PROPERTIES:

		<u>Testing method:</u>
Resin type:	Soya Uralkyd	
Solvent:	Mineral Spirits	
Odor:	Mild Hydrocarbon	
Luster	Gloss and Stain	
No. of coats:	2	
Dry-time:	8 hours	ASTM 1640 & Gardner Circular SETAFLASH*
Flash point:	105 F	
Applicator:	Brush	
VOC (grams/liter):	< 450 g / L	ASTM D 3960-87
Coverage (sq. ft./ qt.):	120-150	
% Solids:	50.09 – 52.53	ASTM D 2369-86
Specific gravity:	0.896 – 0.923	ASTM D 1475
Viscosity (centipose):	175 cps	ASTM D 2196-86

* SETAFLASH is a registered trademark of Stanhope-Seta Limited.