

TECHNICAL DATA & APPLICATION GUIDE

POLYWHEY® MVP SPORT FLOOR FINISH



PRODUCT DESCRIPTION:

PolyWhey MVP Sport Floor Finish is a superior, high gloss, single component finish formulated exclusively for use on gymnasium and other hardwood sport floors. Durable and easy to maintain, PolyWhey MVP Sport Floor uses proprietary PolyWhey technology to achieve uncompromising performance, outstanding mar and scratch resistance and low VOCs (<95g/l). A neutral odor, great coverage, quick drying, easy cleanup and long life make PolyWhey MVP Sport Floor Finish the preferred recreation floor finish. PolyWhey MVP is certified by the Maple Flooring Manufacturers Association.

ADVANTAGES:

- Fast:** Single component finish with great coverage and easy clean-up
- Easy:** Superior flow and leveling for smooth application
- Durable:** Surpasses the competition in both abrasion and mar resistance
- Proven:** Certified by the Maple Flooring Manufacturers Association
- Safe:** Complies with VOC and emission limits in all 50 states and Canada
- Versatile:** Designed for all gyms and sport floor applications

RECOMMENDED USES:

Use PolyWhey MVP Sport Floor Finish on interior bare wood flooring or previously varnished or stained wood floors. For most new sport floor applications, one coat of PolyWhey Sport Floor Wood Sealer and 2-3 coats of PolyWhey MVP are recommended. Add additional coats of PolyWhey MVP for heavier traffic floors. For topcoating, prepare surface using MFMA recommendations and apply 2-3 coats of PolyWhey MVP.

PRODUCT SPECIFICATIONS:

Color in Container:	Milky White
Clarity (dry):	Crystal/Transparent
Weight Solids:	≤ 33%
Volume Solids:	≤ 30%
VOC (as packaged):	≤ 95 g/L
pH:	7.80-8.20
Viscosity (#2 Zahn Cup):	35-40 secs
Flash Point:	None
Sheen:	Gloss: > 85 units @ 60°
Freeze/Thaw Stability:	Do not freeze
Shelf Life:	12 months from date of mfg.
Dry Time (77°F, 50% RH):	To Touch: 30-40 mins
Clean-Up:	To Handle: 50-60 mins To Recoat: 1.5-2 hrs Soap and hot water
Odor:	Neutral
Maximum Cure:	7 days
Coverage:	600-700 sq ft/gal (no application loss) @ 0.75 – 1.1 mil dft

Continued on reverse.



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INSTRUCTIONS:

Before using, please read all directions and Material Safety Data Sheets.

Recommended application system: For most applications, one coat of PolyWhey MVP Sport Floor Sealer and 2-3 coats of PolyWhey MVP Sport Floor Finish are recommended. Add additional coats of PolyWhey MVP as needed.

Compatibility: PolyWhey MVP Sport Floor Finish will adhere to bare wood and most stain bases, sealers, and finishes after proper preparation and dry times. Wood species can affect the stain, sealer and finish results. Prepare a sample board or test area to confirm desired appearance and compatibility.

Surface preparation: Use Norton abrasive products to sand and prepare floor using MFMA and NWFA industry standards. Vacuum and wipe surface clean prior to coating.

Recommended applicators: T-bar, roller, or painters pad.

Application: Stir and shake finish before applying. Pour a 2" bead of finish near the starting wall. Use a dampened T-bar sleeve, roller sleeve or painters pad and pull the finish with the grain of the wood. Maintain a wet edge at all times. Feather out all turns. Avoid moving too quickly and maintain steady, medium pressure to avoid applicator drips. Allow the first coat to dry 2 hours. High humidity and/or low temperature conditions may increase dry time. For best results, apply in temperatures between 65°F-80°F with a relative humidity of 40%-60%. Up to 4 oz. of water per gallon may be added for variable application conditions. Covers approximately 600-700 square feet per gallon.

Between coats: For best results, abrade after each finish application with a yellow (Fine) Norton SandDollar or 220 grit Norton paper on a maroon pad. For PolyWhey MVP, abrade if 24 hours have passed since the previous coat was applied. Always vacuum and tack thoroughly with a clean, damp cloth.

MAINTENANCE:

Clean up and storage: Wipe excess finish out of the threads of the container with a clean cloth prior to sealing. Brushes and other equipment can be cleaned with warm, soapy water. Store in a dry, ventilated and cool place, and keep from freezing. Keep lid closed tightly and container in an upright position away from fire, open flame or excessive heat.

Shelf life: Finish in properly re-sealed containers can be used for 12 months from the date of manufacture.

Re-coating: Be sure any wax, polish or oily residue is removed before re-coating. Abrade as needed then vacuum and tack thoroughly with a clean, damp cloth. If applying over other finishes, always test for compatibility.

Curing: Allow one week for full product cure. Furniture may be replaced after 72 hours, with protectors. Use only dry mop for cleaning during the first week.

PRECAUTIONS:

PolyWhey products have low VOC levels, but should still be used with adequate ventilation. Provide sufficient fresh air circulation. If ventilation is inadequate, use an organic vapor/particulate respirator approved by NIOSH/MSHA for spray mist vapors. When sanding a dried film, use a dust/mist respirator approved by NIOSH/MSHA. Wear protective gloves and splash goggles or safety glasses with side shields. Keep out of reach of children! Do not take internally! Avoid contact with eyes and prolonged contact with skin. This product is not flammable, but all polymer film can burn and containers can explode if exposed to extreme heat or fire. Avoid breathing fumes of burning dry coating. Extinguish with foam, CO₂, dry chemicals, or water fog. BEFORE USING SEE MATERIAL SAFETY DATA SHEET.

INGREDIENTS:

Urethane dispersion, acrylic emulsion, water, whey protein. See MSDS for hazardous ingredient information. Contains less than 95 g/L VOC.

Visit www.vermontnaturalcoatings.com for videos, instructions, technical data, safety information, case studies, and more.

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TECHNICAL SUPPORT:

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