

Waterborne Polyurethane Timber Sports Seal

PRODUCT INFORMATION SHEET

DESCRIPTION:

MVP has been developed in accordance with Australia's requirements for the timber sports floor environment by Australia's leading sports floor coating manufacturer since 1947.

MVP maintains its high gloss appearance due to outstanding scuff, wear and scratch resistance.

Tested in accordance with international Basketball Standards but developed to match Australian conditions, MVP's Low VOC formula is green building compliant and tested against international DIN standards. Developed as a sports floor coating it is designed for application on large areas in the variable Australian climate with speed and ease.

FEATURES AND BENEFITS:

- Meets EN 13036-2011 International Standard for slip resistance for Sports Floors.
- Outstanding initial gloss
- Improved scuff and scratch resistance
- Superior de-foaming and leveling capabilities resulting in easy application.
- Green building compliant
- Fire Indicies compliant
- Quick drying and curing time
- Low Odour and VOC's

TECHNICAL INFORMATION:

Finish Type:	Waterborne Polyurethane
VOC Level:	72 Grams/ L without catalyst
Slip Resistance (Coefficient of slip):	0.65
Drying Time:	Approx. 2 – 4 hours @ 20 °C / 60% RH
Sheen (@ 60°):	Approx. 75 - 80 % @ 60 deg angle
Solids Content:	30 ± 1 %
Application Rate:	18 - 24 m ² /litre (weighted bar applicator- typical)
Application Tools:	Weighted T Bar, Lambswool Applicator, Roller
Safety:	Non-Hazardous. For more details see MSDS.
Storage/ Transport:	The temperature must be between +5 °C and +30°C during storage and transport. Keep out of direct sunlight
Shelf Life:	12 months from manufacture date in un opened container
Hardener/Catalyst:	Recommended use – 1 % of Catalyst
Pack Size:	18 Litres plus 180 ml Catalyst
Clean up:	Water

PRECAUTIONS:

- Floor temperature must be between 10 – 30 °C.
- Floor moisture content must be between 9 – 14% as per Australian Standard. A moisture meter is recommended to indicate conditions.
- In hot and dry climates slightly reduce exposure to direct air to prevent rapid and uneven drying.
- Do not cover the surface with non-porous protective materials as the curing time can take up to 7 days.

DIRECTIONS FOR USE:

Add CATALYST. The catalyst provides enhanced chemical and abrasion resistance properties. Add 1% of Catalyst to MVP drum and mix continuously for 5–10 minutes. Use up all MVP after catalyst addition. MVP has a working life of 8 hours once catalysed. Never re-use catalysed product.

Do not catalyze primer coat.

Reference is made to the Australian Standard Code AS 4786.2-2005: Timber Flooring – Sanding and Finishing.

NEW OR FRESHLY SANDED TIMBER FLOORS:

Sand timber floor to a fine finish using accepted procedures. Machine sand the surface to remove old treatments and impurities in the wood. Use a coarse sanding paper and sand the floor to an even and smooth finish. Make a second cut with 100–120 grit sand paper and then fine sand with 120–150 grit sand paper. This finishing will reduce the amount of grain raise. Vacuum thoroughly and tack the floor with a cloth moistened with water dampened cloth before applying MVP.

Do not forget to remove dust from skirting, windowsills, radiators and other exposed areas.

APPLICATION OF PRIMER/SEALER

Apply MVP with a lambswool applicator, roller or weighted bar applicator.

- Ensure an even coating is obtained without puddles and misses.
- Provide adequate ventilation during application and work away from the sealed surface.
- Care should be taken that no applicator marks are left in the finish and a uniform level of timber saturation is achieved to avoid colour variation.

Note: When working with tannin prone timbers use PEERLESS JAL FAST DRY PENETRATING SEAL as primer coat or complete own test area. Refer to product information sheet for application instructions.

Note: Leave a minimum of 72 hours before commencing application of PEERLESS JAL MVP if FAST DRY PENTERTRATING SEAL or DUAL COAT has been used as a primer coat.

CUT BACK OF WOOD FIBRE:

Application of a sealer may raise the grain of the timber creating a rough surface which needs to be smoothed. Lightly sand the primer coat with a worn 150 grit screen disc. Pass quickly over the surface to avoid burnishing. Vacuum thoroughly and tack the floor with a cloth moistened with water.

APPLICATION OF FINISH:

MVP FINISHING COAT

- Allow sufficient time for primer/sealer to dry before finish application.
- All timber surfaces should be clean and properly prepared.
- All application tools must be clean and free of contamination.
- Cut in edges using a paint brush or paint pad.
- Apply coat of MVP at the recommended rate.
- Smooth the seal in line with the timber grain and lay of the floor.
- Ensure an even coating is obtained without puddles and misses.
- Apply second and subsequent coats.

DRYING TIME OF FINISH

Allow the first coat to dry for 2–4 hours. Second and subsequent coats will take longer to dry, up to 4 hours. Drying time of MVP depends on the environmental conditions of the area such as humidity, air-flow and temperature. Allow floor to dry and cure overnight before opening to light traffic. Do not cover the surface with non-porous protective materials as the curing time can take up to 7 days.

INTERCOAT ABRASION

Abrading between coats of MVP is not required for adhesion unless more than 24 hours have elapsed or any grain raise is still evident, in which case, lightly cut the surface back with a 150 grit screen disc. However, for the smoothest floor results free of impediments, lightly abrade prior to the final finish coat with a denibbing pad.

Always vacuum thoroughly and tack the floor with a water-dampened cloth after abrading

REFURBISHING PREVIOUSLY SEALED FLOORS

The floor is to be swept clean of all debris and dirt.

To remove all foreign matter and contamination, thoroughly scrub the entire floor surface with a solution of TIMBER PRECLEAN following label instructions. Using a wet & dry vacuum or mop & bucket, pick up slurry then thoroughly rinse with clean water.

If the floor has been previously treated **with wax or polish** this must be removed by chemical stripping.

To strip the floor use ALL PURPOSE STRIPPING EMULSION following label instructions.

It is important that exposure to water is kept to a minimum during the scrubbing or stripping processes. Allow the floor to dry completely.

Cut back previously sealed floors with a 100–120 grit screen disc to remove raised wood fibre, surface imperfections and provide an adequate surface for resealing.

Vacuum thoroughly and tack the floor with a water-dampened cloth.

Apply at least two coats of MVP in accordance with 'APPLICATION OF FINISH' above.

CARE AND MAINTENANCE:

Regular and correct maintenance will extend the life of your timber floor and present it at its best.

Use matting at all external entries to contain and prevent dirt and grit from entering.

Sweep daily with an electrostatic mop.

Spot mop spillages as they occur.

Damp mop when required. Use GYM CLEAN Sports Floor Maintainer following label instructions.

Do not over wet your timber floor.

Do not expose your timber floor to heavy traffic until full curing of the seal/finish is affected.

At periodic intervals your timber floor will require treatment by way of additional coats of timber seal/finish. We recommend that you thoroughly inspect your floor regularly and schedule a re-treatment prior to major restoration or full sanding being required. This will provide a lifetime of use from your timber floor.

SAFETY:

First Aid

Eyes: If in eyes, hold eyelids open and irrigate with water for at least 15 minutes. See a doctor if affects persist.

Skin: Remove contaminated clothing; wash affected area with soap and water.

Swallowed: Do not induce vomiting. Give milk or water and contact doctor or the Poisonous Information Centre on (Australia 13 11 26 or New Zealand 0800 764 766).