

HYDROTHANE SPORT

Waterborne Hybrid Polyurethane Timber Seal

PRODUCT INFORMATION SHEET

DESCRIPTION:

HYDROTHANE SPORT is both environmentally and user friendly. HYDROTHANE SPORT provides the gloss, durability, chemical and abrasion resistance of solvent type finishes but without the solvent. HYDROTHANE SPORT is built to withstand the rigours of constant sports use and is perfect for home, office or commercial applications.

Whether your requirement is to seal a new floor or restore an old floor, HYDROTHANE SPORT passes the toughest scrutiny.

FEATURES AND BENEFITS:

- Meets EN 13036-2011 Standard for slip resistance for Sports Floors.
- High gloss finish
- Green building compliant
- Quick drying and curing time
- Excellent wear resistance
- Environmentally responsible
- Low odour and VOC's

TECHNICAL INFORMATION:

Finish Type:	Hybrid Waterborne Polyurethane Finish
VOC Level:	81 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 (Typical)
Application Tools:	Weighted T Bar
Safety:	Non-Hazardous. For more details see MSDS. The temperature must be between +5 °C and +30°C during storage and transport.
Storage/ Transport:	Keep out of direct sunlight
Shelf Life:	12 months from manufacture date in an opened container
Hardener/Catalyst:	Recommended use – 1 % of Catalyst
Pack Size:	4 & 18 Litres
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 HYDROTHANE SPORT drum and mix continuously for 5–10 minutes. Use up all HYDROTHANE SPORT after catalyst addition. HYDROTHANE SPORT has a working life of 8 hours once catalysed. Never re-use catalysed product.

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

APPLICATION OF PRIMER/ SEALER

Apply HYDROTHANE SPORT with a lambswool applicator, 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 HYDROTHANE SPORT if FAST DRY PENETRATING SEAL 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

HYDROTHANE SPORT 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 HYDROTHANE SPORT 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 HYDROTHANE SPORT 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 HYDROTHANE SPORT is not required for adhesion unless more than 48 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 HYDROTHANE SPORT 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 This material is not classified as hazardous according to criteria of Safe Work Australia.

Avoid contact with skin and eyes. Avoid breathing dust, fume, gas, mist, vapour or spray. Wear overalls, safety shoes, impervious gloves and safety glasses. Use only in well ventilated areas. Wash hands after use. Keep containers closed when not in use