

DUAL COAT

Oil Modified Urethane Timber Seal

PRODUCT INFORMATION SHEET

DESCRIPTION:

DUAL COAT provides a strong, extremely durable coating that can be applied to new or freshly sanded strip timber and parquet flooring.

DUAL COAT is designed with high slip and wear resistance providing an extremely durable surface for all traffic areas.

DUAL COAT is a premium quality oil modified urethane that produces a deep gloss with excellent colour reflection, enhancing the natural warmth and beauty of the timber flooring.

FEATURES AND BENEFITS:

- Meets EN 13036-2011 Standard for slip resistance for Sports Floors.
- Fire Indices rating compliant.
- Provides an extremely durable coating to strip timber and parquet.
- Produces a deep gloss enhancing the natural warmth of the timber.
- Easy application.
- Use for domestic, commercial and sports floor applications

TECHNICAL INFORMATION:

Finish Type:	Oil Modified Urethane Timber Seal
Solids Content:	Percentage Volatiles Approximately 60%
Viscosity:	Approx. 17 -19 sec # 4 @ 25 °C
pH value:	9.0 - 10.0
Specific Gravity:	0.89 ± 0.01
Sheen (@ 60°):	Approx. 85-95 % @ 60 deg angle
Drying Time:	Approx. 3 – 6 hours @ 20 °C / 60% RH
Slip Resistance (Coefficient of slip):	0.6
Application Tools:	Brush, Roller, Weighted T Bar
Application Rate:	8 - 16m ² /litre (Typical)
Safety:	Hazardous. For more details see SDS.
Flash Point:	35 Degree C
Critical Heat Flux:	> or equal to 11
Shelf Life:	24 months from manufacture date in un opened container.
Storage/ Transport:	The temperature must be between +5 °C and +30°C during storage and transport.
Hardener/Catalyst:	None
Pack Size:	4 & 10 & 20 L
Clean up:	White Spirit
Solubility in Water:	Insoluble
Odour:	Paraffinic
Appearance:	Slightly Viscous Amber Liquid

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 more than 7 days.

DIRECTIONS FOR USE

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 mineral turps dampened cloth before applying DUAL COAT.

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

APPLICATION OF PRIMER/ SEALER

DUAL COAT

All timber surfaces should be clean and properly prepared.

All application tools must be clean and free of contamination.

Apply first coat of DUAL COAT at the recommended rate using selected application method.

Cut in edges using a paint brush or paint pad.

- For roller application use a paint tray and load the roller evenly with sealer. Roll out excess on tray ramp. Roll slowly on the surface to be coated by overlapping the roller strokes. Finish off lightly with the grain of the timber.
- For lambswool application use a paint tray and load the applicator evenly with sealer. Push out excess on tray ramp. Pull the applicator slowly over the surface to be coated by overlapping the strokes. Finish off lightly with the grain of the timber and the applicator free of sealer.
- For T - bar application pour a line of sealer along the starting wall in the direction of the lay of the floor.

Pull the applicator at an angle along the length of the floor allowing the sealer to flow off the following edge in a 'snow-plough' action. At the end effect a 180° turn. Gently press down on the tool to pad out excess sealer. Feather out all turn marks. Place the applicator on the floor and pull in the return direction ensuring the leading edge overlaps the previous coating and a wet edge is maintained.

Smooth the seal in line with the timber grain and lay of the floor.

Ensure an even coating is obtained without puddles and misses.

Allow the first coat to dry for 3-6 hours.

Oily timbers like Turpentine and Brush box resist the penetration of timber seals. To assist the adhesion of the seal it is recommended to wash the entire surface of the floor with Mineral Turpentine prior to application of each coat. The most suitable method to achieve this treatment is to thoroughly wet a bath towel with Mineral Turpentine, wrap the towel around a broom head and traverse the floor. Turn the towel frequently and rewet as needed to ensure a full wetting of the surface is achieved. Note: These oily type timbers can impede the initial coat drying times, if extended dry times are encountered ensure that adequate airflow is present or deploy fan forced air to create air movement.

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 first coat of Dual Coat with a worn 150 grit screen disc. Pass quickly over the surface to avoid burnishing. Vacuum thoroughly and tack the floor with a mineral turps dampened cloth.

APPLICATION OF FINISH

The Second and subsequent coats of DUAL COAT will take longer to dry, up to 6 hours. Allow floor to dry and cure overnight before opening to light traffic. Do not cover the surface with non porous protective materials as full cure can take more than 7 days.

INTERCOAT ABRASION

Abrading between coats of DUAL COAT 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 worn 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 mineral turps dampened cloth after abrading.

REFURBISHING PREVIOUSLY SEALED FLOORS

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The floor is to be swept clean of all debris and dirt. Ensure all contaminants are removed by thoroughly scrubbing 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. Use Peerless JAL ALL PURPOSE STRIPPING EMULSION following label instructions. Exposure to water should be 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 mineral turps dampened cloth. A small test area using DUAL COAT (1m²) may be tried first to check compatibility.

Apply DUAL COAT in accordance with the 'APPLICATION OF PRIMER/ SEALER' above.

CARE AND MAINTENANCE

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

Attach protective pads to furniture legs.

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 VERSADET (domestic and commercial) or GYM CLEAN (sports floors) 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 effected.

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.

For your maintenance requirements contact your local Peerless Jal sales office. Our consultants can advise on the most suitable treatment and products for your individual application.

SAFETY Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness.

Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and all other equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective clothing, gloves, eye/face protection and suitable respirator.