

Peerless Jal - Super Finish Seal Sports Program

General

Coating of Internal Timber Floor for a Sports Floor Application Natural Finish Gloss. Floors to be clean sound and dry and that application temperature are between 10°-30° C. The floor coating is to be installed by skilled operators and or reputable floor polishers and finishers using appropriate equipment to obtain an acceptable result.

Contractor to ensure that the timber floor moisture content is between the level of 9 - 14% as per Australian Standard, floor coating contractor to verify readings at commencement of the job and keep a record of all readings.

Surface Preparation on a New Floor

The new timber floor surface should be sanded in accordance with Aust Standards AS 4786.2 – 2005 Timber Floor Sanding and Finishing. All Nails should be punched 3 mm below the floor surface prior to sanding. No residual sanding or scratch marks to be visible after the three levels of sanding completed and floor to be even. (60 – 100, 100 – 120, and 120 -150 grit to be used). During and after sanding operations floor to be protected against accidental staining, foot traffic and moisture. Dampness under the floor may have serious effects on finished floor surfaces. Ventilation and moisture content of the sub floor space should always be checked before floor sanding operations start. This should be followed by a thorough vacuuming and tack ragging of the surface (Cloth pre moistened with Mineral Spirits) to remove all traces of dust from all surfaces including window sills, skirtings and door trims.

1.1 Application

Apply one coat of Peerless JAL Fast Dry Penetrating Sealer, by using a lambswool applicator at a coverage rate of 8-12 m² / Litre. Ensure that all loose lint is removed from the lambswool before use to prevent leaving fibres in the surface. The recommended application procedure is the "Two Person Method". Using a clean brush, coat all edges to prevent seal being splashed on skirting boards or walls. Start in a corner, 1st person spreads the seal across the grain of the timber to a width of approximately 2 metres. The 2nd person smoothes the seal, in line with the timber grain, ensuring an even coat across the entire floor area. Care should be taken that no applicator marks are left in the finish. Continue the procedure until entire surface is coated. Allow sufficient time to dry (Ready for cut back procedure in 4-6 hours). This may vary depending on atmospheric conditions particularly in winter. Provide adequate ventilation to avoid extended drying times.



1.2 Filing of Nail Holes

Filing of nail holes is affected after the Penetrating Sealer coat has dried. This prevents any oil from the putty penetrating the untreated timber and causing discolouration around the nail holes. Stop up with wood putty colour matched to the timber.

(An alternative filler can be made by making a paste from Peerless JAL Fast Dry Penetrating Seal and the saw dust from sanding).

1.3 Cut Back of Wood Fibre

The initial seal coat may raise the grain of the timber creating a rough surface, which needs to be smoothed. Cut back the surface using 150 grit sand screen disc or a worn 100 grit sand screen disc. This method involves placing the sand screen disc under a rotary polishing machine. The machine must be fitted with a drive disc and nylon floor pad of similar size. A rotary machine with a vacuum pickup is particularly useful, as this machine will pickup the majority of dust. Vacuum the whole surface. Follow up by tack ragging of the surface (Cloth pre moistened with Mineral Spirits) to remove all traces of dust from all surfaces including window sills, skirtings and door trims.

1.4 Line Marking

Where applicable the lines for Basketball, Netball, etc., are now marked out. The floor lines masked and painted in desired colours. Note: When the lines are completely dry and to ensure good adhesion of Peerless JAL Super Finish Seal to the painted lines, it is recommended that the lines be lightly cut back using an old Sand screen Disc, Black Pad or Steel Wool. Remove all dust prior to next process.

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.

1.5 Applying the 1st Seal Coat

Apply the 1st coat of Super Finish Seal using a lambswool pad at a coverage rate of 12-16 m² / Lt Use the "Two Person Method" as described above.

Allow sufficient time to dry. This may vary depending on atmospheric conditions particularly in winter. Provide adequate ventilation to avoid extended drying times. Leave 6-8 hours or preferably over night between coats.

1.6 Second Coat

Apply the second and subsequent coats, coat within 24 hrs of prior coat drying. Cut in edges of floor using a lambswool pad at a coverage rate of 12-16m²/Lt using the two person method described above. Ensure entire floor is coated evenly with no puddles or marks and allow floor to dry for at least 72 hours before allowing light foot traffic.



1.7 Maintaing the Floor Finish

Once Super Finish Seal is fully cured the recommended maintenance is to use Peerless JAL Gym Clean on a regular basis to protect and extend the life of the seal. This should be applied following manufacturers directions as per the data sheet. For a detailed description on how to carry out a maintenance schedule please visit www.peerlessjal.com.au.

Refurbishing Previously Sealed Floors

Generally

Previously sealed or existing floors to be checked for damage and contamination and rectified as needed. Floors to be swept clean of all debris and dirt. Flooring contractor to check moisture reading of floor and record details of application temperatures at commencement of job.

2.1 Preparation

Remove all foreign matter, body fats and contamination by thoroughly scrubbing the floor area with a solution of Peerless JAL Timber Pre Clean, following the manufacturer's strict instructions. The use of a mop and bucket or wet/dry vac to pick up slurry is acceptable. Rinse floor and allow drying.
If floor has been previously treated with a wax or polish this must first be removed by chemical stripping. The use of Peerless JAL All Purpose Stripping emulsion to be applied following the manufacturer's data sheet must be used.

2.2 Cut Back

Once floor is completely dry a cut back /sanding of the surface is to be done to remove any imperfections of the selected timber floor. This is typically done using a 100-120 grit screen disk under a slow speed rotary polishing machine. Each 25 m² of floor area the screen disc must be reversed, and replaced each 50 m² to ensure that an adequate cut is achieved. Follow up by a tack ragging of the floor with a Mineral Turps moistened cloth to remove all dust traces. Allow floor to completely dry before applying the finishing coats.

2.3 Touch up of Court Lines

Where applicable the lines for Basketball, Netball, etc, may now be touched up where they are worn.
Note: When the lines are completely dry, and to ensure good adhesion of Peerless JAL Super Finish to the painted lines, it is recommended that the lines should be lightly cut back using an old sand screen disc, black floor pad or steel wool pad.

2.4 First Coat

Apply Super Finish Seal by cutting in edges of floor using a lambswool applicator and finish in direction of grain.
Coat the rest of floor using lambswool applicator at a coverage rate of 12 -16m²/Lt. Ensure entire floor is coated evenly with no puddles or marks and allow floor to dry for 6-8 hours or preferably overnight between coats.

2.5 Second Coat

The second coat is to be applied within 24 Hrs of first coat. Start by cutting in of edges and coating of the floor at a coverage rate of 12 -16m²/Lt. Allow to dry for minimum of 72 hrs before allowing light traffic of the floor area.

2.6 Maintaining the Floor Finish

Once full cure has taken place, usually after a minimum of 7 days after the Super Finish Seal has been applied. The floor is to be maintained and cleaned using Peerless JAL Gymclean applied on a regular basis to protect and extend the life of the seal following manufacturer's directions as per the data sheet. For a detailed description on how to carry out a maintenance schedule please visit www.peerlessjal.com.au

