

Peerless Jal - Dual Coat Sports System

General

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 Standards, 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 3mm 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 Dual Coat, by brush, roller or weighted bar applicator to a properly prepared timber floor at a coverage rate of 10 – 12m²/Lt, cutting in edges of floor using a brush to apply the primer coat to edge surface, smooth out and finish in direction of the grain.

Allow to dry for a minimum of 3 - 6 hrs, depending on air flow, humidity and temperature. Ensure area is well ventilated to speed up drying.

1.2 Cutting Back

Once floor is completely dry a cut back / light sanding of the surface is to be done to remove grain raise of the selected timber floor. This is typically done using a worn 150 grit screen disk. The preferred method is to place the screen disc under a slow speed rotary polishing machine; the machine must be fitted with a drive disc and nylon floor pad driver of similar size.

A rotary machine with a vacuum pickup is particularly useful, as this machine will pick up the majority of dust. Follow up by a tack ragging of the floor with Mineral Turps moistened cloth to remove all dust traces. Allow floor to completely dry before applying subsequent coats.

All Nails holes should be puttied over the entire floor surface after 1st coat has dried. This prevents any oil from putty penetrating the untreated timber and causing discolouration around nail holes.

Fill nail holes with appropriately coloured putty to match 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 Line Marking

Where applicable the lines for Basketball, Netball, Badminton, etc are now marked out. The floor lines are masked and painted in the desired colours following the paint supplier's instructions. Note: When the lines are completely dry and to ensure good adhesion of the Dual Coat to the lines, it is recommend that the lines be lightly cut back using an old sand screen disc, black pad or steel wool. Remove all dust before proceeding.

1.4 Second Coat

Apply the second coat within 24 hrs of first coat drying. Cut in edges of floor using a brush or paint pad and finish in direction of grain.

Coat the rest of floor with Dual Coat using a roller or weighted bar applicator at a coverage rate of 12-16m²/Lt. Ensure entire floor is coated evenly with no puddles or roller marks and allow floor to dry for 3-6 hrs or preferably overnight.

Cut back / light sanding of the second coat is not generally required if recoating is done within 24hrs. However floor sanders discretion to be used if any further grain raise is evident on the selected timber floor. This is typically done using a worn 150 grit screen disk. Follow up by a thorough vacuuming of surface area and a tack ragging of the floor with mineral turps moistened cloth to remove all dust traces. Allow floor to completely dry before applying the third coat.

1.5 Third Coat

The third and subsequent coats are to be applied as previous with cutting in of edges and coating of the floor at a coverage rate of 12 -16m²/Lt. Allow to dry for minimum of 48 hrs before allowing light traffic of the floor area. 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 before 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.

1.6 Maintaining the Floor Finish

Once Dual Coat 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 manufacturer's directions as per the data sheet.

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.

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. Vacuum all surfaces to remove dust.

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 Dual Coat to the painted lines, it is recommended that the lines should be lightly cut back using an old sand screen disc or black floor pad.

2.4 First Coat

Apply Dual Coat by cutting in edges of floor using a brush or paint pad and finish in the direction of the grain.
Coat the rest of floor using a roller or weighted bar applicator at a coverage rate of 12 -16m²/Lt. Ensure entire floor is coated evenly with no puddles or roller marks and allow floor to dry for a minimum of 3-6 hrs.

2.5 Second Coat

A cut back is not required if 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 48 hrs before allowing light traffic of the floor area.

2.6 Maintaining the Floor Finish

Once Dual Coat 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 manufacturer's directions as per the data sheet.

