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**Specification**

Coating of Internal Timber Floor for a Domestic or Commercial Floor Application  
Natural Finish Gloss or Satin.

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## Peerless Jal - Dual Coat System

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**General**

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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.

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**Surface Preparation on a New Floor**

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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.

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.

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**1.1 Application**

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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 – 12m<sup>2</sup>/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 sufficient time to dry, usually 3-6 hrs depending on air flow, humidity and temperature. Ensure area is well ventilated to speed up drying.

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.



All Nails should be punched 3 mm below the 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.

## **1.2 Cutting Back**

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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. 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.

## **1.3 Second Coat**

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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 12-16m<sup>2</sup>/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.

## **1.4 Third Coat**

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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 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 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.

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 -16m<sup>2</sup>/Lt. Allow to dry for minimum of 48 hrs before allowing light traffic of the floor area.

Following final Dual Coat finish coat having been applied the floor is to be left for at least 7 days to completely cure & harden before a protection layer is applied if it is required.

## **1.5 Maintaining The Floor Finish**

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In heavy wear areas it is recommended to maintain the floor using Peerless JAL Gemini Floor Polish to protect and extend the life of the seal. This should be applied following manufacturer's directions as per the data sheet.

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## **Refurbishing Previously Sealed Floors**

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### **Generally**

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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

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Remove all foreign matter 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

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Once floor is completely dry a cut back /sanding of the surface is to be done to remove grain raise and any imperfections of the selected timber floor. This is typically done using a 100-120 grit screen disk. 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 First Coat

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Apply Dual Coat by cutting in edges of floor using a brush or paint pad and finish in direction of grain.

Coat the rest of floor using a roller or weighted bar applicator at a coverage rate of 10 -12m<sup>2</sup>/Lt. Ensure entire floor is coated evenly with no puddles or roller marks and allow floor to dry for 3-6 hrs.

## 2.4 Second Coat

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Cut back or light sanding of the first coat is not generally required before second coat if completed within 24 hours.

The second coat to be applied as previous with cutting in of edges and coating of the floor at a coverage rate of 12 -16m<sup>2</sup>/Lt. Allow to dry for minimum of 48 hrs before allowing light traffic of the floor area.

## 2.5 Maintaining The Floor Finish

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Following final Dual Coat finish coat having been applied the floor is to be left for at least 7 days to completely cure & harden before a protection layer is applied if it is required.

In heavy wear areas it is recommended to maintain the floor using Peerless JAL Gemini Floor Polish to protect and extend the life of the seal. This should be applied following manufacturer's directions as per the data sheet.

