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**Specification**

Waterbased Clear Polyurethane Coating for Domestic or Commercial Floor Application.

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## Peerless Jal - Hy Traffic

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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 Hy-Traffic 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 5 - 15%, 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.

Once sanded all floors should be free of any contaminants, smooth, flat and level. This should be followed by a thorough vacuuming and tack ragging of the surface (water pre moistened cloth) 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 Hy -Prime, by brush or roller to a properly prepared timber floor at a coverage rate of 10 – 15m<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. Ensure Hy- Prime is coated evenly with no puddles or roller marks. Allow to dry for a minimum of 1-2 hrs, depending on air flow, humidity and temperature. Ensure area is well ventilated to speed up drying.

Note for Black Butt, Spotted Gum, Brush Box, Tallowwood or Turpentine timbers use Peerless Jal Fast Dry Penetrating Sealer instead, following manufacturer's application directions.

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**1.2 First Coat**

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Add 1% Hy-Traffic Catalyst by volume to Peerless Jal Hy -Traffic Waterborne Clear Polyurethane floor finish and stir for 5 minutes. Cut 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 8-10m<sup>2</sup>/Lt. Ensure entire floor is coated evenly with no puddles or roller marks and allow floor to dry for 1-2 hrs.

### 1.3 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 water moistened cloth to remove all dust traces. Allow floor to completely dry before applying the finish coat.

### 1.4 Second Coat

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The second coat to be applied as previous with cutting in of edges and coating of the floor at a coverage rate of 8 -10m<sup>2</sup>/Lt. Allow to dry for minimum of 4 hrs before allowing light traffic of the floor area.  
Full cure of Hy-Traffic is after 7 days.

### 1.5 Maintaining the Floor Finish

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Once full cure of the Hy-Traffic floor has been completed a maintenance program should be undertaken to keep floor clean using Peerless Jal Versadet. This should be applied following manufacturers directions as per the data sheet.

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## Refurbishing Previously Sealed Floors

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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.

### Generally

#### 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 water moistened cloth to remove all dust traces. Allow floor to completely dry before applying the finishing coatings.

## 2.3 First Coat

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Add 1% Hy-Traffic Catalyst by volume to Peerless Jal Hy -Traffic Waterborne Clear Polyurethane floor finish and stir for 5minutes.  
Cut 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 8-10m<sup>2</sup>/Lt. Ensure entire floor is coated evenly with no puddles or roller marks and allow floor to dry for 1-2 hrs.

## 2.4 Second Coat

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Cut back / light sanding of the first 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 water moistened cloth to remove all dust traces. Allow floor to completely dry before applying the second coat.

The second coat to be applied as previous with cutting in of edges and coating of the floor at a coverage rate of 8 -10m<sup>2</sup>/Lt. Allow to dry for minimum of 4 hrs before allowing light traffic of the floor area.

Full cure of Hy-Traffic is after 7 days.

## 2.5 Maintaining the Floor Finish

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Once full cure of the Hy-Traffic floor has been completed a maintenance program should be undertaken to keep floor clean using Peerless Jal Versadet. This should be applied following manufacturers directions as per the data sheet.

