

## SURFACE SEAL

### *Solvent Alkyd Modified Resin Timber Seal*

#### PRODUCT INFORMATION SHEET

##### DESCRIPTION:

**SURFACE SEAL** is a combination of penetrating oils and synthetic resins formulated to produce a tough, durable, semi-permanent seal for use on timber, cork, parquetry and composite flooring.

**SURFACE SEAL** dries to a tough durable film that is unaffected by water, dilute acids and alkalis, alcohol or oil.

**SURFACE SEAL** prevents timber floors from drying out and splintering and produces a rich finish that enhances and retains the original natural colours of the timber. On floors not exclusively used for sport, the use of a polish during periodic maintenance will help extend the period between seal recoating.

##### FEATURES AND BENEFITS:

- Produces a semi-permanent film for use on timber, cork, parquetry and composite flooring.
- Dries to a tough durable film which is unaffected by water.
- Prevents timber floors drying out and splintering.
- Enhances and retains the original natural colours of the timber.

##### TECHNICAL INFORMATION:

Finish Type:	Alkyd Modified Resin Timber Seal
Solids Content:	Percentage Volatiles Approximately 65%
Odour:	Mineral solvent
Appearance	Slightly Viscous Tan Liquid
Viscosity:	Approx. 21 -25 sec # 4 @ 25 °C
pH value:	9.0 - 10.0
Specific Gravity:	0.876 ± 0.005
Sheen (@ 60°):	Approx. 70 – 75 %
Drying Time:	Approx. 6 – 8 hours @ 20 °C / 60% RH
Slip Resistance (Co efficient of slip):	0.75
Application Tools:	Lambswool applicator
Application Rate:	12 - 16 m <sup>2</sup> /litre (Typical)
Safety:	Hazardous. For more details see SDS.
Flash Point:	35 °C
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. Keep out of direct sunlight
Hardener/Catalyst:	None
Pack Size:	4, 10 & 20 litres
Clean up:	White Spirit
Solubility in Water	Insoluble

### 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
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- 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 SURFACE SEAL.

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

### APPLICATION OF PRIMER/ SEALER

#### **FAST DRY PENETRATING SEAL**

All timber surfaces should be clean and properly prepared.

All application tools must be clean and free of contamination.

Allow the first coat to dry for 4-6 hours.

Apply **FAST DRY PENETRATING SEAL** in accordance with product directions. For more detailed information visit

[www.peerlessjal.com.au](http://www.peerlessjal.com.au).

### 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 Surface Seal with a worn 150 grit screen disc. Pass quickly over the surface to avoid burnishing. Vacuum thoroughly and tack the floor with a water-dampened cloth.

### **APPLICATION OF FINISH**

Apply first coat of SURFACE SEAL at the recommended rate using selected application method.

Cut in edges using a paint brush or paint pad.

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.

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 6-8 hours.

Apply second and subsequent coats

### **INTERCOAT ABRASION**

Abrading between coats of Surface Seal 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 De nibbing pad.

Always vacuum thoroughly and tack the floor with a mineral turps dampened cloth after abrading.

### **REFURBISHING PREVIOUSLY SEALED FLOORS**

#### **SURFACE SEAL**

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 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 water-dampened cloth. A small test area using SURFACE SEAL (1m<sup>2</sup>) may be tried first to check compatibility.

Apply Surface Seal in accordance with the 'APPLICATION OF FINISH' 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 neutral floor cleaner following label instructions.

Do not over wet your timber floor.

Do not expose your timber floor to heavy maintenance 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. Causes serious eye irritation. May cause respiratory irritation. 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.