

MULTI PURPOSE TIMBER FLOOR PROGRAM

Peerless JAL Pty Ltd

OIL RESIN TYPE SEALS

PENETRATING SEAL - SUPER FINISH SEAL- GEMINI ACRYLIC SEALER FINISH

The Multipurpose Floor has to cater for many varied types of activities such as Basketball/Netball, Indoor Cricket/Hockey, School Functions, Weddings, Discos, Theatre Nights, Trade Shows, etc.

Providing your maintenance program is in tune, multipurpose floor finishes from **PEERLESS PRO** will protect your floor and allow you to use your Stadium for which it was designed, *Multipurpose*, for years to come. The program is aimed at recommending Products, Equipment and Methods to maintain a high degree of finish, economically.

The required standard of the floor surface is directly proportional to the type and frequency of maintenance employed.

The multipurpose floor is designed to be "*Hired Out*" for community use as well as catering for your own requirements. Part of your running costs will be the cost in maintaining your floor surface.

This program outlines appropriate products, equipment and accessories required. From this information you can determine your approximate annual running cost.

This program is broken up into **THREE** sections:

1. Initial Preparation
2. Sealing the Floor
3. Routine Maintenance Procedures

If short cuts are taken or poor methods used in any of the above a reduced final result will almost certainly occur. Attempts to save money by short cuts or inadequate materials will cause greater expenditure in routine maintenance.

1) INITIAL PREPARATION:

Reference is made to the Australian Standard Code of Recommended Practice for the Sanding of Interior Wooden Floors, AS CA39 published by the Standards Association of Australia.

i) *Preliminary Work and Precautions.*

- a. All nails should be punched 3mm below the floor surface and all tacks removed prior to sanding.
- b. 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
- c. Before the start and during sanding operations the floor should be adequately protected against accidental staining, traffic, damage, moisture, etc.

ii) *Sanding*

The final appearance of the floor is very dependent on the evenness of the surface after sanding. Sanding should be carried out by skilled operators using appropriate equipment. They must be permitted sufficient time to carry out the correct number of cuts to enable the final floor surface to be as even as possible. They must be provided with adequate power and full lighting should be installed.

iii) *Cleaning*

The entire floor should be vacuum cleaned to remove all dust. The floor should then be inspected and all surface irregularities re-sanded and the dust removed.

iv) *Final Cleaning*

The entire floor should be swept with lint free cloths moistened with mineral turps. Care must be taken not to wet the floor with the solvent. The objective is to moisten the cloths sufficiently to enable all fine dust missed by the vacuum cleaner to adhere to the cloths. The cloths should be reversed and replaced frequently. After this treatment the floor should be completely smooth and dust free.

Note: Great care must be taken that the floor surface is protected from all dirt, dust and traffic during the above steps.

v) *Refurbishing*

When refurbishing an old floor ensure there is no trace of wax or acrylic polish left on the floor before sealing commences.

2) SEALING THE FLOOR

i) *Penetrating Seal SE03*

Apply one coat PEERLESS PRO Penetrating Seal SE03 using a lambswool applicator. Pour a quantity of seal into a seal tray, dip applicator and apply liberally to the floor working with the grain, stroking with a backward, forward motion. Sufficient seal must be used and worked into the floor to fill as much as possible. Ensure that pools of excess seal do not occur and an even coat is applied.

Allow sufficient time to dry, 2 hours is usual, however, this may vary depending on atmospheric conditions particularly in winter. Provide plenty of ventilation. Lack of ventilation will extend drying times.

The lambswool applicator should be washed in Mineral Turpentine or White Spirits immediately after use.

Note: It is important to ensure that the Penetrating Seal is completely dry before proceeding.

ii) *Filling Nail Holes*

Stop up with wood putty (effective putty can be made by making a paste from Penetrating Seal SE03 and the saw dust from sanding). The putty should be of a colour to match the timber.

Note: Filling should take place after the first seal coat to prevent any oil from the putty penetrating the untreated timber and causing discolouration around the nail holes.

iii) *Steelwool Treatment*

Cut back the surface using No1. (medium grade) steelwool pads under a rotary polishing machine. A rotary machine with a vacuum pickup is particularly useful as the bulk of the dust can be collected at this time. Steelwool all edges and corners which are inaccessible to the polishing machine. Cut back can also be achieved by using the steelwool under an old broom or by hand. The entire floor should be swept with lint free cloths moistened with solvent in the same way as *step (iv) final cleaning* in section 1. "Initial Preparation".

iv) *Super Finish Sea ISE04*

Super Finish Seal SE04 should be applied over Penetrating Seal within 48 hours of drying.

1st Coat:

Ensure the floor is completely dust free. Apply one coat of PEERLESS PRO Super Finish Seal SE04 using a lambswool applicator. The recommended application procedure is the "Two Man Method".

- Fill seal tray to 3/4 capacity
- Start in a corner and man 1 spreads the seal across the grain of the timber to a width of approximately 2 metres.
- Man 2 smoothes the seal in line with the grain ensuring an even coat. Man 2 at all times pulls the applicator towards himself. Care must be taken that no applicator marks are left in the finish.
- This procedure continues until entire surface is coated. It should not be hurried as the final appearance depends entirely on the care taken in this step.

Allow sufficient time to dry (6-8 hours usual). This may vary depending on atmospheric conditions particularly in winter.

Allow plenty of ventilation. Lack of ventilation will extend the drying times.

2nd Coat:

Steps (iii) and (iv) are repeated. Apply the second coat within 24 hours of the first drying completely.

Note: *Step (iii) may not always be necessary - it depends if any airborne dust has settled on the floor during the drying of the first coat of Surface Finish Seal. If the floor has been left longer than 24 hours after drying, use step (iii).*

After the final coat of PEERLESS PRO Super Finish Seal SE04 is completely dry the floor should be left for at least 72 hours to completely harden before applying any polish on the floor (On oily floors such as Brushbox and Turpentine, it is advisable to further delay application of polish for up to a month).

3) ROUTINE MAINTENANCE PROCEDURE

PEERLESS PRO Super Finish Seal SE04 provides an excellent base for multipurpose floors. However, because of differing footwear the possibility of food and beverage spillage and the requirement of varying surface characteristics, more extensive maintenance requirements are necessary. Each floor will have different requirements so a general procedure only can be given. If intense activities, such as dances, dinners, discotheques, etc., are planned then it is necessary to apply a protective film of floor polish to protect the base finish.

i) *Initial Treatment*

After the final coat of PEERLESS PRO Super Finish Seal SE04 is completely dry, wait at least 72 hours curing time before applying 3 - 4 coats of PEERLESS PRO Gemini Sealer Finish WE47. These coats can be applied with applicators or mops in the usual way. Ensure the applicator or mop is free of loose lint - wash with water if necessary. The floor may be buffed between coats to ensure the best possible result.

Note: Refer to Application PEERLESS PRO Gemini Sealer Finish WE47

ii) *Daily Maintenance*

Once a day or as often as possible the entire area should be swept with an electrostatic sweep mop or soft broom. The removal of dust and grit from the floor is an important part of good floor maintenance. It is important the electrostatic sweep mop is clean.

Note: Oil impregnated sweep mops should not be used, residue may be left which could cause slip hazards and interfere with the reapplication of coatings.

Spot mop any spillage using a solution of PEERLESS PRO Strobe AD24 or Gymclean AD21 at 40:1 dilution rate i.e. 1 cup to 1/2 mop bucket of water.

Using a Hi-Speed Polishing Machine, burnish the entire surface daily or as often as possible. This machine conditions the surface and is more productive than conventional buffers.

Adequate matting must be placed in all entrance areas to trap dirt and grit before it gets to the timber floor.

iii) *Weekly Maintenance*

Depending on the type of activity and state of the floor surface, wash entire floor. This process may be limited to fortnightly or monthly.

An Advance Automatic Floor Scrubber fitted with a red pad is recommended as it cleans the floor effectively and efficiently leaving the surface dry. However, if a Scrubber is not available use the conventional mop and bucket system. Use a solution of PEERLESS PRO Strobe AD24 or Gymclean AD21 at a 40:1 dilution rate.

Burnish entire surface to a durable, clean, good looking finish. If excessive wear areas appear apply 1 to 2 coats of PEERLESS PRO Gemini Sealer Finish WE47 to affected areas.

iv) *Periodic Maintenance*

Wear 'n' tear and the amount of maintenance applied will determine the frequency of subsequent recoats of Gemini Sealer Finish. Under average conditions, school term breaks are a good guide.

The recommended procedure is as follows:

- Thoroughly scrub the entire floor surface with a solution of PEERLESS PRO Strobe AD24 or Gymclean AD21 at a dilution rate 20:1 with a blue pad fitted to an Automatic Scrubber or single disc slow speed buffing machine.
- Apply cleaning solution to a manageable area of the floor.
- Allow 3-5 minutes for solution to act before scrubbing.
- Using an Advance Auto Scrubbing Machine or mop and caster bucket pick up slurry and thoroughly rinse with clean cold water.
- Allow surface to dry thoroughly before burnishing.
- Apply 2-3 coats of PEERLESS PRO Gemini Sealer Finish WE47.
- Allow minimum of 8 hours curing before burnishing to a durable finish. The more time allocated to burnishing at this point the more the finish will be conditioned.

Note: The frequency of the operation depends on soilage, routine maintenance and floor traffic. It is likely that some floors will need a coat of Gemini less frequently.

v) *Annual Maintenance*

While this procedure is designated annual it is likely that it will only be required every two or three years. It is totally dependent on the amount of traffic and the routine maintenance systems employed.

Strip the floor with PEERLESS PRO All Purpose Stripping Emulsion ST9 to remove all polish and residues. Allow to dry. Cut back entire floor with Sandscreen Discs under a rotary polishing machine. Steelwool all edges and corners. The entire floor should be swept with lint free cloths moistened with solvent to ensure removal of all dust. Apply one coat of PEERLESS PRO Super Finish Seal SE04 using the "Two Man Method". After the Super Finish Seal is completely dry (usually 6-8 hours), wait at least 72 hours curing time before applying 3 - 4 coats of PEERLESS PRO Gemini Sealer Finish WE47, buffing between coats.

vi) *Special Maintenance*

Speech nights, school dinners, dances, etc. At these times the floor should look its very best. It is recommended that one coat of **PEERLESS PRO** Gemini Sealer Finish WE47 is applied prior to the activity.

Depending on the amount of soilage that has occurred it may be necessary, the following day, to at least sweep and buff the floor. However, after a dinner it is likely that the floor will require scrubbing. This is done with **PEERLESS PRO** Strobe AD24 or Gymclean AD21 cleaner. A coat of **PEERLESS PRO** Gemini Sealer Finish WE47 may be required.

NEW FLOOR

Assuming that a new floor has just been handed over, the treatment it received by the Flooring Contractors should be similar to 1 coat of **PEERLESS PRO** Penetrating Seal SE03 and 2 coats of **PEERLESS PRO** Super Finish Seal SE04. It is now imperative that 3-4 coats of **PEERLESS PRO** Gemini Sealer Finish WE47 be applied before activities commence. Make sure that correct preparation and application procedures are strictly adhered to.

Note: Allow at least 72 hours curing time before application of **PEERLESS PRO** Gemini Sealer Finish WE47.

APPLICATION OF PEERLESS PRO GEMINI SEALER FINISH WE47

Ensure the floor is free of dust. Damp mop if necessary. Pour sufficient **PEERLESS PRO** Gemini Sealer Finish WE47 into a clean wringer bucket and using a new, clean, cotton, lint free mop soak up enough Gemini into the mop, ring out any excess. Using even flowing strokes, spread the Gemini thinly and evenly over the entire floor.

It will take approximately 30 minutes to dry. After which 2nd, 3rd and 4th coats can be applied ensuring the previous coat is entirely dry before proceeding each time.

After the application of the 4th coat the floor should be left overnight to cure and then buffed using a Hi-Speed Vac Polisher. The more time allocated to burnishing at this point, the more the finish will be conditioned.

RECOMMENDED PRODUCTS

- **PEERLESS PRO** Penetrating Seal SE03
- **PEERLESS PRO** Super Finish Seal SE04
- **PEERLESS PRO** Gemini Sealer Finish WE47
- **PEERLESS PRO** Strobe Cleaner AD24
- **PEERLESS PRO** Gymclean AD21
- Electrostatic Sweep Mop - V - Sweeper
- Lambswool Applicator
- Premium Grade Cotton Mop
- Steelwool
- Bucket with Casters

EQUIPMENT

- Advance Automatic Scrubbing Machine
- Hi-Speed Suction Polishing Machine
- Standard Speed Polishing Machine

PEERLESS PRO TECHNICAL ADVICE

PEERLESS PRO personnel who are fully trained and experienced are ready to offer advice and assistance. If there are any problems, doubts or a special requirement please consult our Company.

Advice given early will ensure costly rectification is not needed. Further, our personnel can advise on equipment to enable the routine maintenance procedures to be carried out in the most economical way.

INFORMATION contained in this program is to the best of our knowledge accurate and reliable, however no guarantee is given nor intended as conditions of handling and use is beyond our control.

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