

#5 Penetrating Oil Sealer

1. Product Description: BioShield Penetrating Oil Sealer #5 is a penetrating oil primer/sealer recommended for sealing cork and dry and absorbent wood surfaces. Use on architectural woodwork such as floors, wooden boats as well as on masonry surfaces such as stone, slate and/or brick. Product can replace Primer Oil #1 (by adding 20% Citrus Thinner) and be used as a primer. Apply at least one coat before finishing any new wood surface before using Hard Wax #32 or Wax Finish #39.

2. Specifications: Penetrating Oil #5 is a sealer that creates an elastic and breathable wood grain-enhancing prime coat. It is equally functional in sealing and priming and can be used on most unsealed wood, new or weathered. Grayed wood may turn dark grey to black if the gray surface is not removed through sanding.

3. Application: Stir well before use. Penetrating Oil is best applied by pad applicators or brush, but the materials being finished can also be sprayed or dipped. Surfaces should be sound, dust free, and free of contaminants such as mildew, oil, wax, adhesives, prior coatings and grease.

The maximum moisture content for softwoods should not exceed 18 percent and for hardwoods should not exceed 12 percent moisture. Very resinous woods such as teak must be cleaned with BioShield Citrus Thinner, and other exotic woods should be wiped with an alcohol thinner (ethanol).

Best results are obtained by applying oils with a professional quality natural bristle brush. After allowing the oil to penetrate for approximately 15-25 minutes, the entire surface is wiped with a soft, absorbent, lint-free cotton cloth removing all excess oil from the surface. The next coat is applied 12-24 hours later.

Most woods should be sanded using no finer than #100 sandpaper. Finer sanded and smoothly planed surfaces will inhibit oil penetration. When sanding, move in the direction of the grain to prevent scratches.

Different species of wood will react differently to natural oils. Soft or porous woods such as pine, alder, birch, fir, cedar and redwood may absorb oil unevenly. A small test prior to finishing a large surface will tell you more about the material that you are working with. In case of uneven absorbency of a wood surface allow the first coat to penetrate for 10-15 minutes and apply a second coat while the oil is still wet. Sanding with wet-and-dry sandpaper or rubbing the surfaces while it is still wet with a green abrasive pad may help prevent a spotty surface. Allow the second coat to penetrate for 10-15 minutes, then wipe off any oil that has not penetrated into the wood with a clean, absorbent cloth.

If the wood is still absorbent, another coat may be applied after 12 - 24 hours.

4. Safety Precautions: Provide for adequate ventilation while working with the product and during the drying time.

Oil-soaked rags are self-combustible and must be soaked in water and discarded wet in a water-holding container or bag. Keep away from open flame. Keep out of reach of children.

5. Coverage: Depending on absorbency of surface 100-150 square feet per liter.

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6. Drying Time: 12-24 hours between coats, depending on climate, temperature and humidity. Product is fully cured after two to three weeks.

7. Cleanup & Storage: Use BioShield Citrus Thinner for spot clean-up and for cleaning brushes and tools. Unused contents should be kept in a well-sealed container in a cool, dry place. Do not store near heat or open flame. In case of spillage, use absorbent material such as sand or cat litter. Dispose of such material and other excess by drying the contents out and in accordance with local, state and federal ordinances.

8. Ingredients: Linseed Oil, Lead-Free Dryers (Zircon Octoat, Cobalt Octoat.) Product may be thinned up to 20% by volume with BioShield Citrus Thinner #23. VOC is less than 10 Grams/Liter.

9. Color: Clear to lightly amber. While enhancing the grain of the wood most natural oils will slightly deepen the color of the wood.

10. Container Sizes:

Product #5

0.10 Liter (3.4 Fl. Oz.)

0.75 Liter (25.36 Fl. Oz.)

2.50 Liter (84.44 Fl. Oz.)

Industrial quantities upon request.