

## Sikafloor® WP-3

### Acrylic Sealer

<b>Description</b>	A water based Acrylic Sealer. A clear single package water based coating formulated for application to bare wood to seal the surface prior to the application of the finish.
<b>Where to Use</b>	New and existing wood sports floors in public and private schools, universities, professional arenas, and health clubs.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>■ Water based speed</li> <li>■ Excellent film build</li> <li>■ Easy application</li> <li>■ Water White dry film</li> <li>■ Low odor</li> </ul>
<b>How to Use</b>	
<b>Surface Preparation</b>	<p>Note: Follow MFMA and NOFMA guide lines for acclimation time of wood prior to installation, sanding, and finishing.</p> <p><b>Newly installed floors or sanded to bare wood</b></p> <ol style="list-style-type: none"> <li>1. Screen the floor using #100 grit screens 250 sq. ft (23m<sup>2</sup>) per side.</li> <li>2. Vacuum, then tack the floor with water.</li> <li>3. Allow the floor to dry.</li> </ol>
<b>Mixing</b>	THIS PRODUCT IS DESIGNED TO BE USED AS IS. DO NOT THIN OR REDUCE WITH SOLVENTS.
<b>Application</b>	<ol style="list-style-type: none"> <li>1. With a conventional lambswool or foam applicator or weighted T-bar applicator, seal the bare wood with <b>Sikafloor WP-3</b>.</li> <li>2. Allow 3 - 4 hours dry with good ventilation for each coat.</li> <li>3. Minimum of two coats of <b>Sikafloor WP-3</b> is recommended.</li> <li>4. Remove raised grain with a #120 grit screen, then tack with water.</li> <li>5. Line marking paint can then be applied.</li> </ol> <p><b>Line Marking</b></p> <ol style="list-style-type: none"> <li>1. Before using paint every color should be tested for compatibility, not just brands.</li> <li>2. Apply line markings between the second and third coats. Follow the directions on the paint label for application.</li> <li>3. Lay out the court with masking tape as required and apply the paint.</li> <li>4. To ensure crisp lines allow paint to dry 1-2 hours before pulling up the tape.</li> <li>5. Allow the lines to dry per manufacturers directions.</li> <li>6. Abrade the lines lightly with #120 grit screens.</li> </ol>

#### Typical Data

##### GENERAL PROPERTIES:

		ASTM
Color	White/Opaque	
Viscosity	20 - 30 cps	D1545
Weight/Gallon	8.5 - 8.6 Lbs.	D1475
Solids	30+/- 1%	D1644
Freeze Thaw	5 cycles pass	D2243
VOC	<250 g/L	

**Packaging:** Product is available in 5-gallon (18.9 L) containers.

**Shelf Life:** 1 year in original unopened container under proper storage conditions. Store dry between 40° - 90°F (5° - 32°C).

##### Coverage:

Bare wood seal: 300-400 sq. ft/ gal. (28m<sup>2</sup>-37m<sup>2</sup>/ L)

Build coats: 400-500 sq. ft/ gal. (37m<sup>2</sup>-46.5m<sup>2</sup>/ L)

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<b>Cure Mechanism</b>	<p>As a bare wood seal: Recoat window 3 - 24 hrs. As a build coat: Recoat window 3 - 24 hrs.</p> <p>Adequate ventilation is imperative during the curing process. Dry times will vary based upon the drying conditions. Do not apply when temperature is above 95 ° F (35°C) or below 65 ° F (18°C), or when humidity is above 80%.</p>
<b>Tooling and Finishing</b>	<p>Finish with a water based urethane finish coat like: Sikafloor WP-33, Sikafloor WP-20, Sikafloor WP-34, Sikafloor WP-35</p>
<b>Caution</b>	<p><b>WARNING: IRRITANT.</b> Contains Propylene Glycol Mono Butyl Ether (CAS:5131-66-8) and Dibutyl Phthalate (CAS: 84-74-2). Cause corneal injury/ eye damage. Causes gastrointestinal tract irritation. May cause skin/respiratory irritation. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Harmful if inhaled</p>
<b>First Aid</b>	<p><b>Eyes</b> – Hold eyelids apart and flush thoroughly with water for 15 minutes. <b>Skin</b> – Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. <b>Inhalation</b> – Remove to fresh air. <b>Ingestion</b> – Do not induce vomiting. Dilute with water. <b>Contact physician.</b> <b>In all cases contact a physician immediately if symptoms persist.</b></p>
<b>Handling and Storage</b>	<p>Avoid direct contact. Wear personal protective equipment (chemical resistant goggles/gloves/ clothing) to prevent direct contact with skin and eyes. Use only in well ventilated areas. Open doors and windows during use. Use a properly fitted NIOSH respirator if ventilation is poor. Wash thoroughly with soap and water after use. Remove contaminated clothing and launder before reuse.</p>
<b>Clean Up</b>	<p>Use personal protective equipment (chemical resistant gloves/ goggles/clothing). Without direct contact, sweep up spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable local, state, and federal regulations</p>
<b>Additional Info</b>	<p>Proper material application is the responsibility of the user. Site visits made by Sika personnel are for making technical recommendations only and not for supervising or providing quality control. Before applying for protection against specific chemical environments, consult Chemical Resistance Guide or Sika Technical Service.</p> <ol style="list-style-type: none"><li>1. <b>SPONTANEOUS COMBUSTION:</b> Dust created from screening oil based finishes and rags soaked with oil and dust can auto-ignite causing a fire. DO NOT store or throw away the dust and oil soaked rags into a closed vacuum or trash can. Immerse the dust in water and open the rags to air dry before discarding the waste. High temperatures, high humidity and freshly applied seal increase the potential for a fire.</li><li>2. Long term overexposure to solvents have been associated with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.</li><li>3. In case of a spill absorb with inerts like sawdust or “oil dry” and wipe clean with Mineral Spirits. Dispose in accordance with local regulations. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture, or weld on or near container.</li><li>4. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture, or weld on or near container.</li><li>5. Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on <a href="http://www.sikafloorusa.com">www.sikafloorusa.com</a>.</li></ol> <p><b>DISPOSAL:</b> All label warnings must be observed until the container has been commercially cleaned, reconditioned, or disposed of in accordance with local government regulations.</p>



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Trouble Shooting	Problem Observed	Possible Causes
	Slow dry:	Low curing temperatures, High humidity, Lack of ventilation, and air movement after application.
	Streaks:	Product applied too thin.
	Fisheyes:	A foreign material on the surface, like oil, grease, or silicone.
	Wrinkling:	Recoating too soon, Too heavy an application, puddling the finish.
	Bubbling:	Overworking the product with applicator: shaking the finish before applying; or, high temperatures during application.
	Peeling:	Improper floor preparation.
	Dirt Particles:	Applicator not "de-fuzzed" causing loose fibers in the film; or, room vents not sealed during the application.
	Screen Marks:	Using too aggressive a screen between coats.
	Hazy Film	High humidity during drying.
	Steel Wool pads	DO NOT USE, steel fibers will remain in the floor and will rust when coated.
	String Mops	DO NOT USE, mops apply unevenly and leave behind swirl marks.
	Air Movement	Close all doors, windows, and turn off vent fans and AC fans. Premature curing can occur

**KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY**

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