



# LENMAR<sup>®</sup> BONDING AGENT 1YB.301

## Features

- Sand Free & Dust Free
- Ready To Use – No Thinning
- May Use Over Oil Or Water Based Finishes

## Recommended For

Residential Refinish, Commercial Applications, and Gymnasiums/Sports Courts

## General Description

The Lenmar<sup>®</sup> Bonding Agent is a unique sand and dust free bonding coat for recoating applications. Over a properly cleaned floor, this bonding agent can save time and effort in any refinish job. With equal ease, the Lenmar<sup>®</sup> Bonding Agent can stick to existing factory applied finishes, prefinished flooring, finishes with Aluminum Oxide, hand-scraped floors, waterbased finishes, and traditional urethane floor finishes. Once on the surface, the bonding agent allows for any of the Lenmar<sup>®</sup> waterborne products to be used to recoat. This system should not be used where a paste wax or oil finish has previously been used. A test patch is always recommended.

## Limitations

- Do not over apply product.
- For use with waterborne topcoats only.

## Product Information

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<p><b>Colors — Standard:</b> Clear</p>	<table border="1"> <thead> <tr> <th>Technical Data</th> <th>Clear</th> </tr> </thead> <tbody> <tr> <td>Weight Solids</td> <td>12% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td>11% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td>3000 Sq. Ft.</td> </tr> <tr> <td colspan="2">Depending on surface texture and porosity.</td> </tr> <tr> <td>Flash Point</td> <td>&gt;200°F</td> </tr> <tr> <td>Surface Temperature – Min. at Application</td> <td>65°F</td> </tr> <tr> <td>– Max.</td> <td>95°F</td> </tr> <tr> <td>Thin With</td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td>Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td>8.5 lbs</td> </tr> <tr> <td>Storage Temperature – Min.</td> <td>50° F</td> </tr> <tr> <td>– Max.</td> <td>90° F</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td>60 Grams/Liter</td> <td>0.5 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data	Clear	Weight Solids	12% ± 1.0%	Volume Solids	11% ± 1.0%	Coverage per Gallon at Recommended Film Thickness	3000 Sq. Ft.	Depending on surface texture and porosity.		Flash Point	>200°F	Surface Temperature – Min. at Application	65°F	– Max.	95°F	Thin With	Do Not Thin	Clean Up Thinner	Water	Weight Per Gallon	8.5 lbs	Storage Temperature – Min.	50° F	– Max.	90° F	<b>Volatile Organic Compounds (VOC)</b>		60 Grams/Liter	0.5 Lbs./Gallon
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<p><b>Certification:</b> The products supported by this data sheet contain a maximum of 100 grams per liter VOC /VOS (0.83 lbs/gal.) excluding water &amp; exempt solvents.  This product is compliant under the Ozone Transport Commission regulations as a Primer/Sealer/Undercoater.</p>																															
<p><b>Technical Assistance:</b> For Technical Assistance please contact your authorized Lenmar<sup>®</sup> Dealer/Distributor, your Lenmar<sup>®</sup> sales representative, Technical Service at 1-800-225-5554, or visit <a href="http://www.lenmar-coatings.com">www.lenmar-coatings.com</a>.</p>																															

## Surface Preparation

**Preparation:** Floor must be cleaned thoroughly. Sweep and vacuum the floor. Using Lenmar's® X-treme degreaser and Lenmar's® Spark'Len Clean cleaner, remove all dirt, heel marks, oil, and any other residue from the surface. Lenmar's® X-treme degreaser should be reduced 10:1 with water before application. Apply and work into floor, then remove. Follow with water to insure neutralization of the X-treme degreaser. Cleaning may have to be done more than once to achieve a completely clean surface. Allow floor to dry completely. Check floor for streaks or residue, and if present clean a second time.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## Application

Gently invert Lenmar's® 1YB.301, Bonding Agent several times before use to mix. Apply a small amount of 1YB.301 to the floor using a microfiber or rayon mop to spread in a thin, uniform coat. For larger areas, place 1YB.301 in a bucket and, using a mop, spread evenly and quickly over the larger surface. Work the bonding agent around the floor until all areas have been coated evenly. In order to gain adhesion with the topcoat, all areas of the floor must be given a coat of 1YB.301. Any missed areas will result in poor adhesion. Avoid puddles, making sure to keep the application uniform. Do not apply a second time; keep application to one, thin, even coat. Coverage will be 3000 square feet per gallon. Do not overapply the product, since that will not insure better results, and may add time or hinder application of topcoat. Allow to dry one hour (with good air movement and ventilation). If areas of heavier application have not dried, use a clean, water-dampened rag to lightly wipe those surfaces. Once the surface is dry, do not exceed six hours before recoating; product must be recoated on the same day it is applied. Effectiveness of the bonding agent can diminish outside of this window. Apply any of the Lenmar® Waterborne Finishes over this bonding agent. Follow label instructions for the topcoat chosen.

**Maintenance:** Vacuum or dust mop regularly. Do not use any liquid cleaners other than water for the first 2 weeks. After that, use Lenmar's® Spark'Len Clean as an everyday cleaner for hardwood floors and floor finishes.

## Clean Up

Clean equipment with water immediately after use.

USE COMPLETELY OR DISPOSE OF PROPERLY. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options**

## Environmental Health & Safety Information

**Use only with adequate ventilation.** Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

**FIRST AID:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

**IN CASE OF SPILL –** Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN  
PROTECT FROM FREEZING**

**READ ALL DIRECTIONS BEFORE USE.  
UNDERSTAND ALL DANGERS WITH THIS  
PRODUCT PRIOR TO USE.**

**Refer to Safety Data Sheet for  
additional health and safety information.**