

## VU3295 HARDWOOD VARNISH SATIN GLOSS FINISH

Water based urethane varnish formulated to provide protection and gloss on sanded hardwood surfaces with a semi gloss amber shade finish

### PRODUCT CODE, SIZE & PACKAGING

Code: VU3295-01 946ml – 6 or 12 per case  
Code: VU3295-02 2 liters - 6 per case  
Code: VU3295-04 4 liters - 4 per case  
Code: VU3295-12 12 liters – 1 pail



### DIRECTIONS

### PREVENTION MEASURES

#### PERSONAL SAFETY

Wearing of gloves, safety glasses and appropriate clothing to prevent skin contact when using the product is always recommended.  
Please follow safety guidelines outlined in the "CAUTION" section indicated on the bottle (see hereunder).

#### NEIGHBORING AREA PROTECTION

Always protect the neighboring working area against unexpected contact with the product to avoid irreversible damage or alterations that could only be restored by its replacement.

#### PREREQUISITE CONDITIONS

**Surface temperature should be between 15 and 30°C (59 and 86°F).**

Do not confuse surface temperature with room temperature.

In some cases there can be an important gap between the temperature you can feel on a surface and the ambient temperature. For example, a surface directly exposed to sun light through a window will most likely be much warmer than the ambient air. Also, a surface in a basement or at ground level without a basement or with an unheated basement will be colder than the ambient air. In both those cases, the drying time will be affected hence affecting the strength and resistance of the floor finish which could also remain sticky.

#### Underground humidity.

A high level of humidity under the surface will affect the varnish negatively because of the vapor pressure. The humidity released will push against the varnish on the surface, which will become sensitive to scratching, peeling or flaking off. More so, a whitish or grayish color will be visible from under the floor varnish.

**Test first on a small and adequate surface, to assess results.**

**- First time user, without preliminary testing.**

Never use the product for the first time on a large area without preliminary testing.

### RECOMMENDED SURFACES:

- Hardwood sanded
- Parquetry sanded
- Floors, walls, stairs and ramp of staircase
- Residential, commercial and institutional applications
- Interior use

### CHARACTERISTICS:

- Urethane formulation provides better performance than water based acrylic varnishes
- Milky white liquid
- Leaves a clear transparent film
- Enhances stone colors
- Gloss rating: 30 - 35
- Faint odor
- No ammonia
- Good leveling
- Dries quickly
- Resists yellowing
- Excellent protection against household dirt
- Excellent wear and scuffing resistance
- No carcinogenic agents
- NPEO - NMP free

Usage of the varnish with no prior experience could end-up with an undesired result (visible defects, undesired finish or inadequate protection of the treated surface) which could have been caused by the application method used, the incompatibility between the varnish and the materials on which it was applied or the varnish's characteristics. In those cases, removing or sanding the varnish on a large area could prove strenuous and could have been avoided with prior testing on a small area. Even more, the removing process could damage or alter irreversibly the covering material that could only be restored by its replacement.

**- Using the product on a new surface or on an unknown surface, without preliminary testing.**

Even if you have used the product in the past, because covering manufacturers do modify occasionally the composition of their products, there could be, without your knowledge, presence of an incompatible substance that could be irreversibly damaged or altered or give unexpected end results that would only be restored by its replacement.

**- Never apply the varnish on a dirty or soiled surface.**

The application of the varnish on a dirty surface will trap in the contaminants, leaving dirt apparent and make the maintenance very difficult.

**- Varnish application in the course of a renovation project or a new constructions.**

During a renovation or in the course of a new construction, a varnished surface can be in contact with all kinds of contaminants or materials that will damage it. Assessing the curing time is fully respected and protection is adequate and efficient is mandatory.

For example, badly adjusted or non waterproof cardboards on the floor will not prevent the penetration of contaminants that will damage the floor varnish during the course of the construction or renovation project.

More so, absence of adequate protection and/or insufficient curing time and/or installation mal practices will damage the floor varnish that will only be corrected by its removal and the application of new coats of floor varnishes.

The absence of air circulation caused by more or less waterproof cardboards or plastic sheets with a high level of humidity and a cool surface temperature could also affect the varnish's integrity and make it sticky or allow other contaminants to migrate into the floor varnish during the course of the construction or renovation project. Varnish removal and application of new coats of varnish will be necessary to correct the situation.

Therefore evaluation of the current situation should be done before hand to assess the relevancy of the protective measures to be taken and the capacity to apply them correctly to avoid having to do restoration work that can prove strenuous compared to leaving the surface unprotected during the course of the renovation or construction and needing to deep clean, sand and apply new coats of varnish at the end of the project.

## **METHOD OF APPLICATION**

### **SURFACE PREPARATION**

Sand the surface with the appropriate sanding paper grid to remove all existing varnish and to soften the surface.

Remove all dust with a vacuum and a damp cloth to make there are no more dust residues before applying the varnish.

### **APPLICATION PROCEDURE**

SHAKE WELL BOTTLE BEFORE USE

Using the SANITEN mop with a microfiber cloth, a varnish or wax applicator, apply 3 to 4 coats of varnish.

Always spread the varnish in the same direction as the wood grain.

Allow 2 to 3 hours between coats.

A light sanding between coats may be necessary if there is presence of air bubbles or peaks on the surface.

NEVER WIPE THE VARNISH DURING THE DRYING PERIOD

Light circulation after 8 hours.

Normal circulation and regular maintenance after 7 days.

Curing time: 28 days.

NB. If there are more than 7 days since the last coat was applied, a dry scrub with black nylon scuff pads is necessary before applying a new coat of varnish.

### **RESTRICTIONS:**

-Do not apply directly on oiled treated hardwood

-Full strength protection is only achieved after the 28 day curing time

-Wait 21 days before covering surface with carpets and rugs

-Wait 7 days before washing the floor after varnish application

-Not for exterior applications

### **PERFORMANCE:**

-Meets CHEMICAL RESISTANCE test CAN/CGSB-25.20-95 for floor surface sealers (Type 1).

-Meets Static Coefficient of Friction test ASTM D2047 for polished-coated floor surfaces.

-Expected varnish life time in normal conditions  
3 to 5years

### **LIMITATIONS:**

-Regular maintenance may be required in high traffic areas

### **ENVIRONMENTAL DATA:**

-Low VOC: < 75gr/liter

-Biodegradable. In conformity with OCDE 301 E rule

### **ACCESSORIES**

N230-30 Telescopic mop

N235-30 Cleaning Microfiber cloth

N245-30 Sealer applicator  
Microfiber cloth

TP250 Black nylon scuff pad

### **COVERAGE (1 coat)**

20m<sup>2</sup> / 200pi<sup>2</sup> : 946ml

40m<sup>2</sup> / 400pi<sup>2</sup> : 2 liters

80m<sup>2</sup> / 800pi<sup>2</sup> : 4 liters

May vary with the surface condition and the method of application

### **REMOVER:**

- MULTI-PURPOSE REMOVER  
PD2020

Can be sanded

## APPLICATION PROBLEMS

**Uneven finish on the surface of the floor:** Areas showing excess or shortage of varnish on the floor may happen.

**Main causes are:**

-This situation generally occurs because the varnish was applied unevenly, thicker in some areas and lesser in other.

**Corrective measures:**

- Apply an additional thin coat of varnish
- or
- Sand the excess varnish before applying new coats of varnish.

**Whitish Appearance of the varnish:** A whitish appearance may appear once the varnish is dry.

**Main causes are:**

- application of heavy coats of varnish especially for second and additional coats
- not allowing enough drying time to the varnish before wiping it with a cloth, a brush or a sponge.

**Corrective measures:**

- light sand the surface before applying new coats of varnish.

**Bubbles on the surface:** Air bubbles may show up on the surface of the varnish after the suggested drying period.

**Main causes are:**

- This problem generally occurs because when the varnish applicator such as a sponge roller or paint brush, was used and left a large quantity of air bubbles behind its passage.
- or
- .Having spread the varnish too quickly, leaving behind an important quantity of air bubbles on the surface. In spite of anti-foam agents in the varnish, the bubbles created in excess volume were not able to break-up and level out before solidifying during the drying period.

**Corrective measures:**

- The surface can be dry scuffed with a black nylon scuff pad or lightly sanded before applying new coats of varnish.

**Streaks on the surface:** There may be appearance of streaks after the drying period. This situation usually occurs when the varnish is applied too thin and/or with an applicator leaving streaks behind its passage.

**Main causes are:**

- This situation usually occurs when the varnish is applied the varnish with an applicator leaving apparent streaks after its passage and because having applied coats of varnish too thinly to allow the leveling agents in the varnish to correct the situation before the streaks were solidified during the drying period.

**Corrective measures :**

- The surface can be dry scuffed with a black nylon scuff pad or lightly sanded before applying new coats of varnish.

## VARNISH EFFICIENCY VALIDATION

The varnish protection should be adequate for many months. To evaluate if an additional coat of sealer is necessary, put a few drops of water on the surface and wait a few minutes. After this time, if water drops still bead and the color under the drops is not enhanced, than you can conclude that the surface is well protected and doesn't need any additional coatings. On the opposite, apply an additional coat of varnish as per instructions outlined above.

## MAINTENANCE:

- HARDWOOD & LAMINATE CLEANER N200
- MULTI-PURPOSE NEUTRAL FLOOR CLEANER BR110

Do not wash the surface before 7 days after the VARNISH application

<p><b>HANDLING &amp; STORAGE</b></p> <p>Avoid freezing.  Store in original container, well closed, in a dry area at room temperature.  Do not waist excess sealer in sewers.  Send them to an appropriate recycling center.  Shelf life: 2 years in a tight closed container at a temperature between 10 and 30°C (50 and 86°F).</p>	<p><b>CAUTION</b></p> <p><b>MAY IRRITATE EYES</b>  Do not get in eyes. Do not get on skin or clothing. Keep out of reach of children.</p> <p><b>FIRST AID TREATMENT</b>  Contains a urethane emulsion. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 20 minutes with eye lids open. If on skin, rinse well with water</p>
<p><b>TECHNICAL SUPPORT</b></p> <p>Communicate at <a href="mailto:info@saniten.ca">info@saniten.ca</a> or call 1-866-517-7662.</p> <p>N.B. All information here above is accurate. But having no control over the conditions of utilization of the product, we cannot assume any responsibility, legal or other, in regards of the results and/or any prejudice derived from.</p>	<p>Revised January 2017</p>