

## FU4295 ENGINEERED & HARDWOOD FINISH SATIN GLOSS FINISH

Water based urethane varnish formulated to restore protection and gloss on **non sanded** hardwood surfaces leaving a satin gloss finish

### PRODUCT CODE, SIZE & PACKAGING

Code: FU4295-01 946ml – 6 or 12 per case

Code: FU4295-02 2 liters - 6 per case

Code: FU4295-04 4 liters - 4 per case

### Maintenance kit

Code: FU4295-10 Includes: 1 x Telescopic Mop with microfiber cloth  
1 x 500ml N200 Hardwood Floor Cleaner concentrate  
1 x 2 liters FU4295 Engineered & Hardwood Floor Finish  
-8 kits per case



### 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 floor finish negatively because of

### RECOMMENDED SURFACES:

#### VARNISHED SURFACES

- Hardwood
- Engineered wood
- Parquetry
- Laminate
- Floors, walls and furniture
- Residential, commercial and institutional applications
- Interior use

#### CHARACTERISTICS:

- Urethane formulation provides better performance than water based acrylic finishes
- Milky white
- Leaves a clear transparent film
- Enhances wood colors
- Gloss rating: 30 - 35
- Faint odor
- No ammonia
- Good leveling
- Dries quickly
- Resists yellowing
- Excellent protection against household dirt

the vapor pressure. The humidity released will push against the finish 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 finish.

**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. Usage of the floor finish 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 finish and the materials on which it was applied or the floor finish's characteristics. In those cases, removing the finish 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 finish on a dirty or soiled surface.**

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

**- Do not apply the finish on a waxed surface without prior removal.**

Application of a coat of floor finish on a waxed surface will not be appropriate. There won't be adequate adherence on the surface, leaving it with apparent "fish eyes". Even more, the existing wax could become sticky. You will then have no other alternative but to strip off all coats of floor finish and wax with the appropriate remover.

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

During the course of a renovation or a new construction, a new floor finish on a surface can be in contact with all kinds of contaminants or materials that will damage it. Assessing that the curing time is fully respected and that the 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 ultimately damage the finish during the course of the project.

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

The absence of air circulation caused by more or less waterproof cardboards or plastic sheets with a high level of humidity coming from under the surface and a cool surface temperature will also affect the floor finish's integrity and make it sticky or allow contaminants to migrate into the floor finish during the course of the project.

Floor finish removal and application of new coats 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 and the capacity to apply them correctly. All this to avoid restoration work that can prove strenuous compared to leaving the surface unprotected during the course of the project and needing to deep clean and reapply the floor finish at the end of the project.

## **METHOD OF APPLICATION**

**Surface NEVER covered with a hardwood floor finish, wax or a hardwood rejuvenator/shine restorer :**

STEP 1: Wash the floor with the HARDWOOD CLEANER N200. Use Ready to use formula or Mix 1 part of concentrate cleaner with 2 parts of tap water.

Rinse with clear water to remove all residues of cleaning solution and wait until surface is completely dry.

-Excellent wear and scuffing resistance

-No carcinogenic agents  
NPEO - NMP free

**RESTRICTIONS:**

- Do not apply directly on waxed surfaces
- Full strength protection is only achieved after the 28 day curing time
- Wait 21 days before covering surface with carpets and rugs
- Do not wash the floor before 7 days after application of the floor finish.
- 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 sealer duration in normal conditions  
2 to 4years

**LIMITATIONS:**

- Regular maintenance may be required in high traffic areas
- Should not be applied on oiled finished hardwood surfaces

**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:**

-HEAVY DUTY CLEANER  
PD1010

-Can be sanded

STEP 2: Dry scuff the surface with black nylon scuff pads.  
STEP 3: Using the SANITEN mop with a microfiber cloth, apply 1 or 2 coats of ENGINEERED & HARDWOOD FINISH FU4295 leaving 2 to 3 hours between coats.

**Surface recoating:** Only for surfaces previously protected with ENGINEERED & HARDWOOD FINISH high gloss, semi gloss or satin gloss finish.

STEP 1: Wash the floor with the HARDWOOD CLEANER N200. Use Ready to use formula or Mix 1 part of concentrate cleaner with 2 parts of tap water.

Rinse with clear water to remove all residues of cleaning solution and wait until surface is completely dry.

STEP 2: Dry scuff the surface with black nylon scuff pads.

STEP 3: Using the SANITEN mop with a microfiber cloth, apply 1 coat of ENGINEERED & HARDWOOD FINISH FU4295.

**Surface protected with a wax or any other hardwood shine restorer or rejuvenator:**

STEP 1: Remove the existing top coatings with HEAVY DUTY CLEANER PD1010. Rinse with clear water to remove all residues of cleaning solution and wait until surface is completely dry.

STEP 2: Dry scuff the surface with black nylon scuff pads.

STEP 3: Using the SANITEN mop with a microfiber cloth, apply 1 or 2 coats of ENGINEERED & HARDWOOD FINISH FU4295 leaving 2 to 3 hours between coats.

## **APPLICATION PROCEDURE**

SHAKE WELL BOTTLE BEFORE USE

Using the SANITEN mop with a microfiber cloth or a wax applicator, apply a thin coat of floor finish.

Pour the floor finish on the floor, soak-in the mop cloth and spread it slowly along the wood grain.

Let the surface dry 30 to 45 minutes between coats or until surface is completely dry.

NEVER WIPE THE FLOOR FINISH ON THE SURFACE BEFORE IT IS COMPLETELY DRY

Light circulation after 8 hours.

Normal circulation and regular maintenance after 7 days.

Curing time: 28 days.

NB. Anytime there is more than 7 days since the last coat was applied, a dry scrub with a black scuff pad is necessary before applying a new coat of floor finish.

## **APPLICATION PROBLEMS**

**Whitish Appearance of the finish:** A whitish appearance may appear on the surface of the floor finish after the drying period. This situation usually occurs in presence of thick coats or because the finish was altered during the drying period.

**Main causes are:**

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

**Corrective measures:**

- In the case where the whitish aspect is caused by excess floor finish, the surface can be dry scuffed with a black nylon scuff pad or it can be removed with HEAVY DUTY CLEANER PD1010 before applying new coats of floor finish.

- In the case where the whitish aspect was caused by wiping the surface when it was not dry enough; strip off the floor finish with HEAVY DUTY CLEANER PD1010 before applying new coats of floor finish.

**Air bubbles on the surface:** Air bubbles may show up on the surface of the floor finish after the suggested drying period. This problem generally occurs because a sponge roller or paint brush was used for the application.

**Main causes are:**

- Having spread the floor finish too quickly on the surface, leaving behind an important quantity of air bubbles on the surface. In spite of anti-foam agents in the floor finish, the bubbles created in excess volume were not able to break-up and level out before they

## **MAINTENANCE:**

-HARDWOOD & LAMINATE CLEANER N200

-MULTI-SURFACE NEUTRAL FLOOR CLEANER BR110

Do not wash the surface before 7 days after the ENGINEERED & HARDWOOD FINISH application

<p>were solidified during the drying period.</p> <p><u>Corrective measures:</u> -The surface can be dry scuffed with a black nylon scuff pad and/or the floor finish can be removed using HEAVY DUTY CLEANER PD1010 before applying new coats of floor finish.</p> <p><b><u>Streaks on the surface:</u></b> There may be appearance of streaks after the drying period. This situation usually occurs when the floor finish is applied too thin and/or with an applicator leaving streaks behind its passage.</p> <p><u>Main causes are:</u> -Having applied a coat of the finish with a brush leaving apparent streaks after its passage and because the coat was too thin to allow the leveling agents in the floor finish to correct the situation before the streaks were solidified during the drying period.</p> <p><u>Corrective measures :</u> -The surface can be dry scuffed with a black nylon scuff pad and/or the floor finish can be removed using HEAVY DUTY CLEANER PD1010 before applying new coats of floor finish.</p> <p><b>FLOOR FINISH EFFICIENCY VALIDATION</b></p> <p>The floor finish 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 sealer as per recoating instructions.</p>	
<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>CAUTION</p> <p>MAY IRRITATE EYES 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>