

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

### ENIGMA<sup>®</sup> HARDWOOD SURFACING LINE

The Enigma<sup>®</sup> Hardwood Surfacing Line is a high-end engineered product designed and produced for flooring and vertical surfacing industries by Jamie Beckwith and presented to the trade in the Jamie Beckwith Collection<sup>®</sup>. The line consists of twelve different patterns with six unique stain choices. The wood species available are: Plain sawn White Oak, 1/4 sawn White Oak, and Walnut. Our product is made in Nashville, Tennessee and can be customized to meet client's specific needs.

#### PRODUCT SPECIFICATIONS

The Grover, Lotus, Jigsaw, Sextant, Jacks, Dice, Crescent, Wave, Pisces, Kaleidoscope, Hive, and Stretcher patterns have a 4 mm thick top layer made of Oak or Walnut. It is glued to a 9 ply 1/2" Baltic Birch substrate.

"All Enigma tiles are 5/8" thick with a 4 mm wear layer of solid hardwood."

All Enigma patterns are pre-finished with an oil based no VOC finish by Rubio<sup>®</sup> Monocoat, but have the option to come unfinished.

#### Specific Finish Features:

Molecular bonding with the wood: durable protection

100% VOC-FREE

Respects the natural 'look and feel' of the wood

Low consumption

No starting marks or overlaps

Easy to maintain

Doesn't contain water

Applies to all kinds of wood, including furniture and floors (solid wood, veneer wood, MDF, etc...)

Durable protection, highly resistant to wear

Water-resistant: (suited for kitchens, bathrooms)

Resistant to heat up to 212°F

Fast curing

#### Technical Characteristics:

Oil Plus 2C (A) - Physical state at 20°C: liquid

Odor: natural oil

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

Color: transparent

Accelerator (B) - Physical State: liquid

Odor: none

Color: colorless to pale yellow

Flash point: >160°C (closed cup)

### INSTALLATION INSTRUCTIONS

These instructions are meant to guide and to help understand the installation of the Enigma<sup>®</sup> Hardwood Surfacing Line, they are not meant to replace a professional installer. ALL ENIGMA PATTERNS SHOULD BE INSTALLED BY A PROFESSIONAL INSTALLER. Please read carefully all the information included with your surfacing purchase, and follow our recommendations below.

#### Cutting:

The use of a plunge cut circular saw and guide system is highly recommended. In addition a new or newly sharpened high quality carbide-tipped blade should also be used. Festool offers one such system. A table saw or slide compound is not recommended, however can be used if fixtures are made to stabilize the pieces while cutting.

#### Job Site Inspection:

The building should be closed in, with all outside doors and windows in place. All concrete, masonry, framing members, drywall, paint and other work should be thoroughly dry. All cement floors must be properly dried (typically 60 to 90 days old for new concrete) before considering any floor installation.

Exterior grading should be complete with surface drainage directing water away from the building. All gutters and downspouts should be in place. Basements and crawl spaces must be dry and well ventilated.

Subfloor must be checked for moisture content using the appropriate testing methods.

Permanent air conditioning and heating systems should be in place and operational.

#### Subfloor Requirements:

For best results, The National Hardwood Flooring Association recommends a minimum of 5/8" tongue and groove plywood as a base, but 3/4" is preferred. Aspenite or any other particle board product is not considered to be a suitable substitute. Installing vapor barrier (asphalt saturated paper) between subfloor and underlayment will help to keep moisture away from the wood floor. It is essential that a wood subfloor be screwed and glued down every 6" to the underlying floor joists. Both wood and concrete subfloors must be tested to see how level they are. The floor must be flat to within 3/16" in 10 feet. High spots must be sanded or ground down and low spots filled with an appropriate floor

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

leveler. Leveling compounds must be tested for moisture to ensure they are properly cured and within the manufacturer's specified requirements for proper installation. Nail or screw any loose areas that squeak. All subfloors must be clean and free of wax, paint, oil, sealers, adhesives, curing agents and other debris.

### Recommended Subfloor Surfaces:

Preferred:

- 3/4" CDX grade plywood
- 3/4" OSB PB2 rated underlayment

Minimum:

- 5/8" CDX grade plywood
- Ceramic, terrazzo, slate, and marble
- Cork
- Vinyl
- Concrete Slabs

The Enigma<sup>®</sup> Hardwood Surfacing Line is designed for a direct glue-down installation on a concrete subfloor. Do not use a concrete sealer nor install over one. The concrete floor must be free of grease, oil, or dust. Surface preparation using mechanical methods such as sanding or scouring with open coat paper or titanium disk is preferred. This will improve the quality of adhesion, between the concrete, glue and floor. All concrete subfloors must be checked for moisture content. Visual checks are not acceptable. Jamie Beckwith Collection<sup>®</sup> will not warranty an engineered wood floor from Jamie Beckwith Collection<sup>®</sup>, glued to a concrete slab with any moisture related problems. A "dry" slab can become damp or wet, after installation, if proper precautions are not taken and will not be warranted in such instances.

### Radiant Heated Subfloors:

System must be operational and heated for at least seven days prior to beginning installation. This will help to reduce any residual moisture. Turn off the heat and let the subfloor cool down to room temperature for 3-4 hours prior to installation. Before installation begins, ascertain that the floor heating system is designed and controlled for wood flooring. Failure to do so may cause excessive heat damage and shrinking. Install floor per the application instructions. Use a system that works on water volume and low temperature (one that maintains a steady even water temperature with limited radical movement).

After installation, turn the heating system back on to its normal room temperature setting. The subfloor surface must not exceed 80°F throughout the life of the floor. Rift/Quartered-sawn material offers one of the most dimensionally stable wood products for the radiant heat applications.

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

### STORAGE AND HANDLING

Handle and unload all Enigma<sup>®</sup> products with care. Store them in a dry place with at least a 4 inch air space under boxes which are stored upon “on-grade” concrete floors. All hardwood products should not be delivered until the building is closed in with windows and doors in place and all other “wet” work is completed. The Enigma<sup>®</sup> products should be stored in the environment where it is expected to perform. All air-conditioning and heating units should be operational.

### Adhesives

Follow technical specifications for working time for the adhesive. Jamie Beckwith Collection<sup>®</sup> recommends using Loctite Adhesives for all Jamie Beckwith Collection<sup>®</sup> Enigma<sup>®</sup> Hardwood Surfacing products. Use other adhesives at your own risk. Jamie Beckwith Collection<sup>®</sup> DOES NOT provide warranty on subfloor separation for other adhesives.

### Installing Enigma<sup>®</sup>

It is helpful to dry-lay the section of the surface first to get an idea of your layout. This is especially helpful with the Enigma<sup>®</sup> collection because of the difference in the grain pattern and pattern lay-outs. (Scale) use drawings as your reference. Immediately lay the tiles on newly spread adhesive. DO NOT lay the tiles on dry adhesive. (Always lay the tiles on wet adhesive). If the adhesive becomes too dry, scrape up the old adhesive and spread more on. Installing on wet adhesive eliminates rolling the surface with a heavy roller. The working time for the adhesive is 15 minutes. Working time will vary depending on the job site conditions.

**IMPORTANT:** When installing on a floor, stand or kneel on the subfloor during the installation to avoid shifting the tiles.

Proper placement of the first tile is the key to the entire installation. Carefully place a tile at the intersection of the two chalk lines. Straight plank boards can be used to align and secure the tiles. Start at the center of the surface in one of the quadrants using chalk lines. Continue laying the balance of the tiles along the starting quadrant. Align each tile squarely. Do not push or shove the tiles too strenuously as this could cause the first and second tiles to move. Simply realign the tiles and proceed with the installation. Avoid hammering or forcing the tiles together as this may destroy the shape of the tile. You may use a non-marring rubber mallet to tap the tiles.

After laying the tiles across the first starting area, trim the last tiles as needed to obtain the proper 1/2” expansion space next to the walls. Use a small band or saber saw for final trimming.

Avoid pressing heavily or stepping on the recently laid tile as this may destroy the ridging of the adhesive and positioning of the tile. Allow a minimum of 24 hours drying time before moving furniture or walking on the newly Enigma<sup>®</sup> Hardwood Surfacing Line.

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

Stains can be provided for coordinating baseboards, moldings, transition strips and reducers for an additional charge.

### MAINTENANCE

Vacuum as often as you would carpet. Brush between the chamfered edges. It is important to maintain the humidity level in the 35 to 60% range. Use portable or HVAC humidifiers during the heating season. Failure to properly maintain your wood surfaces will void all warranty.

### Overview

Once curing has been completed *Rubio Monocoat* can be maintained as follows:

Clean the finish:

1. Sweep, dust or dry mop
2. Damp mop the finish with water
3. Damp mop the finish with:
  - Surface Care Spray* - ready to use, non-residue cleaner
  - Rubio Soap* - this is a concentrated version of *Surface Care Spray*. Mixed with water this becomes *Surface Care Spray*.
4. DO NOT use any other commercial cleaners as most of these will damage the finish.

When signs of wear occur, use either:

Textural - this is normally a dry or dusty look (most residences in 1-3 years, or whenever desired):

- *Refresh* - Restores the luster of the finish,

Textural and Color - this will appear as change or unevenness of color (most residences in 4-6 years, or whenever desired):

- *Maintenance Oil* - Restores the color and the luster of the finish.

### Cleaning

*Surface Care Spray*: is a ready-to-use, non-residue, cleaning product and can be used as often as desired.

1. Spray *Surface Care Spray* on to the surface to be cleaned.
2. Wipe dry with a mop or microfiber cloth.
3. Allow the surface to dry for approximately 15 minutes.

*Rubio Soap*:

1. Sweep the floor and eliminate dust.
2. Mix 1 part *Soap* with 66 parts water in a bucket - this produces *Surface Care Spray*.
3. Damp mop the finish with *Surface Care Spray* mixture.
  - For best results, damp mop back over the surface with clean water.
4. Allow the surface to dry completely, normally 30 minutes.

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

5. DO NOT:
  - Use too much liquid as this can enter between boards and damage the hardwood product.
  - Leave excess liquid on the hardwood product. Always wipe dry.

### Removing Stains

Localized stains can be treated easily with the ready-to-use *Surface Care Spray*. For treatment of fat and/or lime spots, we recommend using *Rubio Monocoat LimeSpot Remover* and *Rubio Monocoat Grease Remover*.

#### *Grease Remover*

1. Apply a generous quantity of *Rubio Monocoat LimeSpot Remover* to the spot.
2. Allow several minutes for absorption.
3. Remove the product with paper towels or a dry cloth.
4. Clean thoroughly using a cloth dampened with water.

For stubborn marks, it is recommended to repeat this method as many times as needed to achieve the desired result.

### Refresh

Whenever necessary depending on wear and tear.

*Rubio Monocoat Refresh* is a ready-to-use product that refreshes, restores, and protects surfaces treated with *Rubio Monocoat Oil*. *Rubio Monocoat Refresh* is used when the surface feels too dry or rough, or when the finish has worn off due to heavy traffic. This treatment is best carried out on the entire surface; however it can be used for spot rejuvenation.

1. Eliminate dirt and dust from the floor.
2. Clean the floor thoroughly with *Rubio Soap* plus water. Rinse well with water to eliminate any soap residues. Leave it to dry completely.
3. Spray *Rubio Monocoat Refresh* on to the surface to be treated, or apply the product with a cloth. Use a minimal amount of the product to prevent the hardwood surface from becoming sticky.
4. Allow the product to react for 1-2 minutes.
5. Wipe dry with a cloth, paper towel, or polishing machine with white pad. Finish the treatment using an absorbing cloth, until the surface feels completely dry.
6. Work with small sections that can be completed in 15 minutes or less; 10 minutes on hot, dry days. This is normally no more than 120 SF.
7. With good airflow and proper application, the surface can normally be used in 4-6 hours.

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

### Maintenance Oil

Whenever necessary depending on wear and tear.

*Rubio Monocoat Maintenance Oil* comes in all of our colors and is a ready-to-use product that refreshes the texture and color of surfaces treated with *Rubio Monocoat Oil*. *Maintenance Oil* can be used whenever you feel the color and luster of the finish is damaged. This treatment should always be carried out over the entire surface.

1. Eliminate dirt and dust from the floor.
2. Clean the floor thoroughly with *Rubio Soap* plus water. Rinse well with water to eliminate any soap residues. Leave it to dry completely.
3. Apply *Rubio Monocoat Maintenance Oil* with cloth, brush, sponge or buffer.
4. Allow the product to react for 1-2 minutes.
5. Wipe dry with a cloth, paper towel, or polishing machine with white pad. Finish the treatment using an absorbing cloth, until the surface feels completely dry.
6. Work with small sections that can be completed in 15 minutes or less; 10 minutes on hot, dry days. This is normally no more than 120 SF.
7. With good airflow and proper application, the surface can normally be used on in 4-6 hours.
8. Rub the surface with a lint-free cotton cloth (dry).

### Cleaning After Refresh or Maintenance Oil

After application of *Refresh* or *Maintenance Oil*, do not clean the surface with water or any of our surface cleaners for 7 days. You may vacuum or dry mop during this time but do not use liquids on the surface.

### Spot Repairs and Local Restoration

*Rubio Monocoat Oil Plus*

The treatment is recommended where scratches or burn marks are present, or where heavy wear is showing either in patches or large areas of the floor. It also applies if a completely new color is desired over the entire surface area of a previously treated floor.

Scratches and burn marks:

1. Lightly sand the spot to be restored.
2. Eliminate dust.
3. Apply *Rubio Monocoat Oil Plus* with a cloth or sponge.
4. After 2-3 minutes, wipe away any surplus product with a cloth or paper towel.
5. The surface can be used again after 24-36 hours.

# JAMIE BECKWITH<sup>®</sup>

## COLLECTION

### Restoration

If a treated floor shows too much wear (in patches or overall) or if a completely new color is desired, we recommend a restoration of the entire surface of the floor using *Rubio Monocoat Oil Plus* or *Rubio Monocoat Oil Plus 2C* carried out by skilled professionals.

### Other Cleaning Options

*Satin Soap* and *High Traffic Protection* - cleaning systems that increase the sheen of our natural matte finish. See Rubio's website for additional information. [www.monocoat.us](http://www.monocoat.us)