

"Its real as natural wood, still with lasting performance"

Blor floors

Blor floors



RoyalPlank  
LUXURY VINYL WOOD PLANKS

**TECHNICAL SPECIFICATIONS  
WARRANTY MANUAL**

## INTRODUCTION

**BLOOR Floors** offers style. The colors are contemporary, the patterns are exciting, and the looks are beautiful. **BLOOR Floors** doesn't just give you flooring, we give fashion! Through a broad range of residential and commercial applications, **BLOOR Floors** installations prove that **BLOOR Floors** vinyl floor coverings are the best in the world.

This manual is designed to give you the information about choosing, installing and maintaining a **BLOOR Floors**. For color or pattern selection, contact a distributor or agent nearest you. To preserve the warranty and deliver the best possible installation, follow the instructions in this manual.

# INTRODUCTION

- Important:** To preserve the warranty and deliver the best possible installation to your customer, follow the instructions in this manual.
- Safety Warning:** **BLOOR** vinyl tile contains no asbestos fibers. When removing existing resilient floor coverings, carefully observe the following warning:
- Existing resilient floor coverings and black asphalt adhesive may contain asbestos. Improper procedures used to remove these products could release asbestos fibers into the air. Asbestos fibers, if inhaled, may cause serious bodily harm. Do not sand or dry-scrape these materials. A preferred alternative to removal is to install a new floor over the old asbestos-containing floor whenever possible. If removal of existing floor covering is necessary, be sure that all precautions are taken and proper procedures are followed. For information regarding proper removal procedures, please consult **WALLS & FLOORS**. Check state and local laws regarding removal of asbestos-containing materials.
- Product:** **BLOOR Floors** provides wear-layered products for heavy commercial or residential usage. **BLOOR** offers unlimited choices of color, texture, style, and design. **BLOOR** can be installed on concrete, over underlayment panels such as Structurwood, Multiply, and Masonite brand underlayments. Particleboard, strand board and flake board are NOT RFCI recommended underlayments; therefore, they are not recommended as a subfloor for **BLOOR** tiles and planks. Concrete subfloors need to be tested to determine if the concrete's moisture content is within the specified parameters.
- Imperfections:** **BLOOR** prides itself on not packaging any products with defects. All **BLOOR** products are closely inspected prior to shipping. If a defect is detected, the installer should contact the supplier immediately.
- Labor Policy Not Reimbursable:** Claims filed for materials that were/are installed with obvious defects  
Materials that were/are installed under improper conditions  
Materials that were/are installed incorrectly  
Materials that were/are used for any non-flooring purpose
- Storage and Handling:** Proper storage is necessary to ensure the best performance and appearance from **BLOOR** tiles and adhesives.
- A) Storage temperature range 65°F. -75°F. Avoid installations with tile temperatures above 80°F. and below 60°F.
  - B) Loosely lay tiles in the room or area prior to spreading adhesive to observe overall appearance.
  - C) The installation contractor must check to make sure all tiles and adhesives are correct for the job.
  - D) Always lay tiles or planks flat.
- Installation Temperatures:**
- A) Acclimate to the site conditions for at least 2 days (48 hours) prior to installation.
  - B) Be sure floor level temperatures are between 65°F. -75°F. for a minimum of 48 hours before installation, during installation and afterward.

**PRODUCT CHARACTERISTICS**



**BLOOR  
Color & Textures:**

**BLOOR** is available in a wide range of colors and textures, reproducing the look of natural woods, stones, ceramics and artistic designs. Textures include slate, smooth, granite, embossed, frost, tick and rustic. Special attention should be paid when selecting a floor for your specific needs. All products can be customized to fit your specific needs in other colors, sizes, surfaces and gauges. See charts for specific textures and sizes.

**Special Edge  
Treatment:**

**BLOOR** special edge treatments include square edge and regular bevel.

**Applications:**

All **BLOOR** products can be used for commercial and residential use. The use of proper adhesive is required in order to validate the warranty for **BLOOR** tiles or planks. Detailed instructions are listed in the installation pages of the manual.


















**Samples:**

Samples are cut from standard tiles and therefore do not correspond exactly to the pattern of the entire tile. Samples may vary slightly from actual production runs. For critical color match, please check actual production runs. Colors shown in brochures and any other printing are only as accurate as four color printing process will allow.



# TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	TEST METHOD	RESULT
 Dimension	EN 427	Conforms
 Thickness Overall	EN 428	3.0 mm
 Thickness Wear Layers	EN 429	0.30 mm
 Total Weight	EN 430	18.50Kgs/Box
 Peeling Strength of Layers	EN 431	Pass
 Shear Forces of Layers	EN 432	Good
 Residual Indentation after static Load	EN 433	≤0.10mm
 Dimension Stability	EN 434	Shrinkage≤0.25% Curling≤2mm
 Flexibility-10mm mandrel	EN 435	No Damage
 Wear Resistance	EN 660	≤2.0mm <sup>3</sup>
 Toxic	EN 71 part 3	Compiles
 Color Fastness to Light	EN ISO 105-1802	≥ 6
 Resistance to Fire	EN 1350-1 NF D 92506 NBN S-21 203 ASTME E648	B, S1 M2 A2 Category 1
 Slip Resistance	DIN 51130	R9
 Electrostatic properties	EN 1815	<2Kv antistatic
 Bearing a Castor Chair	EN 425	Suitable
 Resistance to chemicals	EN 423	High resistance
 Recommended use class	EN 685	23/31
 Form of delivery	EN 426	Planks 152.4 x 914.4 mm

# INSTALLATION

## Commercial & Residential:

There are three (3) basic requirements necessary to assure a long lasting, attractive BLOOR® floor:

1. Proper Subfloor Preparation
2. Installation
3. Adhesives

The following guidelines will help to ensure complete satisfaction with your installation by fulfilling these requirements. **BLOOR** can be installed over concrete or wood subfloors.

## SUBFLOOR PREPERATION

### Testing:

A calcium chloride test (moisture test) is essential on all concrete floors. This test should be performed in several areas: the perimeter of the room, at columns, and wherever else moisture might occur. The moisture level from the concrete should not exceed 3.0 lbs./1000 sq. ft. in a 24 hour time period. If the concrete exceeds the moisture limitations, the installation should not proceed until the problem is corrected. A moisture problem can be corrected by sealing the concrete with any of the many brands of concrete sealers available. After the sealer has been applied, always retest to ensure that the problem has been corrected. A moisture test indicates the conditions at the time of testing only. The flooring contractor cannot be held responsible if the moisture appears in the future causing adhesive failure. A new concrete floor contains a high percentage of moisture; therefore, it must be allowed adequate drying time. This drying time normally requires 28 to 30 days, but it can vary depending on several conditions such as the type of concrete used, average air temperature, and the thickness or location of the slab.

### Preparation New Floors:

Underlayment panels can be used to correct deficiencies in the subfloor and to provide a smooth, sound surface for BLOOR tiles and planks.

There are numerous suitable underlayment panels such as Structurwood, Multiply, and Masonite brand underlayments. The most common of these is ¼" APA underlayment grade plywood. Particleboard, strand board and flake board are NOT RFCI recommended underlayments; therefore, they are not recommended as a subfloor for Centiva tiles and planks.

Always fasten underlayment panels in accordance with the manufacturer's **BLOOR** recommendations because any failure of the underlayment or **BLOOR** flooring as a result of the underlayment is the responsibility of the underlayment manufacturer and installer. Suitable underlayment with a fully sanded surface and a minimum thickness of ¼" is preferred. Always make sure that the subfloor is free of any foreign material such as dust, grease, oil, polish, and loose material that may cause staining, telegraphing, or adhesive failure.

Concrete subfloors are acceptable as long as the concrete's moisture content is within the specified Parameters. A Portland based patching compound or leveler should be used to cover seams, cracks, indentations, and subfloor irregularities. Calcium sulfate/plaster/gypsum based compounds are NOT recommended as they may harbor and promote mildew growth, offer poor bond and adhesion strength, and/or have low indentation resistance.

### Preparation Existing Floors:

**BLOOR** vinyl tile or planks contain no asbestos fibers. When removing existing resilient floor coverings, carefully observe the following warning:

Existing resilient floor coverings and black asphalt adhesive may contain asbestos. Improper procedures used to remove these products could release asbestos fibers into the air. Asbestos fibers, if inhaled, may cause serious bodily harm. Do not sand or dry scrape these materials. A preferred alternative to removal is to install a new floor over the old asbestos-containing floor whenever possible. If removal of existing floor covering is necessary, be sure that all precautions are taken and proper procedures are followed. For information regarding proper removal procedures, please consult WALLS & FLOORS or your Local Supplier.

After removing existing flooring, make sure to remove also old cutback adhesive, grease, wax, or other foreign matter. Painted and/or varnished surfaces must be sanded and dust free. In some cases old concrete subfloors must be shot blasted and a floor leveler should be applied prior to installation. Poor subfloor preparation may telegraph later on through the **BLOOR** flooring causing visible irregularities. Between floor prep and start of installation, make sure to keep the floor dry, free from dirt, dust and grit.

# INSTALLATION

Bloor floors

## Laying out the Job Site Using BLOOR Tiles or Slabs:

Carefully determining where to begin your tile installation results in the most professional looking job. Always try to end up with at least half a tile at each wall for best appearance.

Follow the steps

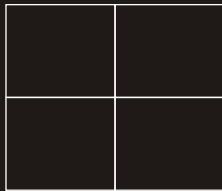
1. Treat the room as rectangle, disregarding offsets, alcoves, etc. Find the center points of the two end walls and strike a chalk line between them.

Figure 1



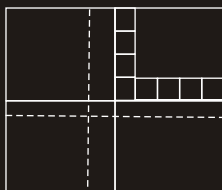
2. Find the center of the chalk 4.3. line, using T-square or a **BLOOR** tile to line up. Strike a second chalk line at right angles to the first one. The room is now divided into four equal parts.

Figure 2



3. Starting in center of room where the two chalk lines intersect, loose lay several tiles in a row to one end of wall and a second row to a sidewall. Measure distance from last tile to wall. If it is less than half a tile, move centerline on half a tile nearer the opposite wall. Do this in both directions.

Figure 3



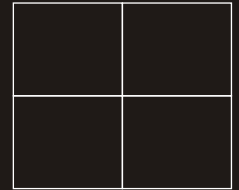
## Diagonal Layout for BLOOR Classic and Event Series Tiles or Slabs

Extra measurements and guidelines are needed for diagonal installations. A sketch is useful for any complicated installation.

Follow these guidelines for diagonal installations:

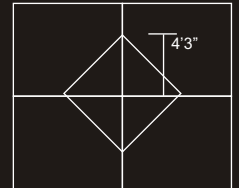
1. Divide the room into equal quarter sections and adjust the same way you would for normal installations.

Figure 1



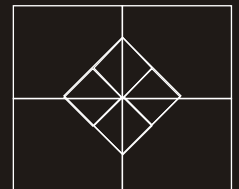
2. Measure and mark a point 4.3. from the center point on each centerline. Snap a chalk line to connect the four new points.

Figure 2



3. Mark the midpoint on the new guidelines and snap another chalk line to its opposite midpoint. These lines should intersect the original center point or the measurements will be incorrect

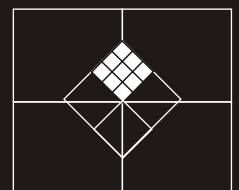
Figure 3



4. Use the guidelines for the installation.

Nine 12-inch tiles, four 18-inch tiles or one 36-inch slab will start towards all four Directions.

Figure 4



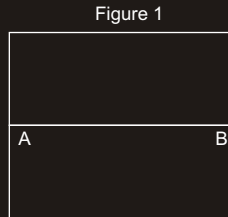
INSTALLATION

# INSTALLATION

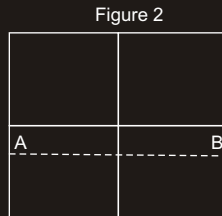
## Layout of Room Using BLOOR Floor's - Royal Planks

## Laying of the Plank

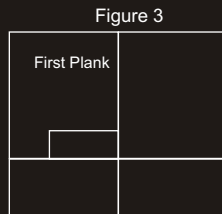
Find the center point of the room.  
Strike a line (A-B).



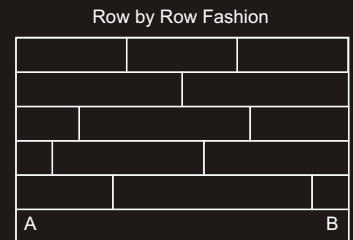
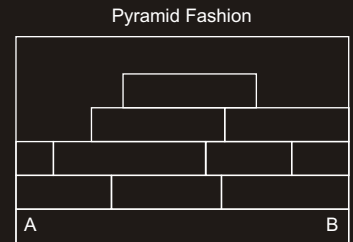
Obtain a true 90° angle by using a carpenter's square. Strike a second line, which will divide the room into four equal parts. Measure the distance from the center to the wall parallel to the direction of the plank. Divide that measurement by the width of a plank (3.). If less than half a plank (1 1/2.) remains as the border plank, adjust the point by 1 1/2.. This will give a large border along the wall and reduce the chance of having to cut a small sliver of flooring to place along the wall.



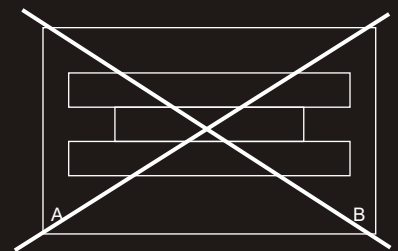
BLOOR Vinyl Plank features beveled and square edges to accent individual planks and create a distinct plank effect. For this reason, anytime you make a cut, you will want to place that cut edge along a wall. Placing a cut edge against the uncut edge of another piece of flooring will not look natural or realistic. However, for special patterns, the floor may be installed cut edge to cut edge and beveled edge to beveled edge for a consistent and finished look.



Spread adhesive following the specific recommendations for the adhesive outlined in the Adhesives section of the manual. Place the first piece of plank at the junction of the chalk lines. Continue to lay the plank, making sure each plank is flush against the chalk line and tight against the adjoining plank. Make sure the plank is well seated into the adhesive, paying special attention to the edges. Lay row by row, or in a pyramid fashion.



**This is the incorrect way to lay the Plank**



### Fitting the Border:

Measure the distance from the last plank in the row to the wall. Mark the plank and cut it against the mark. Lay the plank in place, making sure the cut edge is against the wall.

### Fitting Around Irregular Objects:

Make a pattern out of heavy paper to fit around pipes and other irregularities. Place the pattern on the plank, trace, cutting along the trace lines with scissors or a sharp knife. Place the cut plank into position.

*The manufacturer or supplier will not be liable for any loss, damage, or complaint of any kind if the specific procedures in the Installation Guidelines are not Followed.*

INSTALLATION



# INSTALLATION

---

*Blor* floors

## Useful Installation Tips:

- Have several clean white cloths and a container of denatured alcohol or mineral spirits available for cleaning off excess adhesive from the tile as you work. Any excess adhesive must be removed from the tile surface, in between tile seams, or the surrounding area. **DO NOT ALLOW ADHESIVE TO DRY ON TILE SURFACE.** To obtain best results, dampen a clean cloth with cleaner and gently rub areas as to not move the tiles out of place. Do not saturate the area with cleaner and make sure that you clean up any excess cleaning solution as you go.
- Never begin installation when all necessary tools are not available. (straight edge knife, curved edge knife, ruler, trowel, roller, etc.)

INSTALLATION

*Blor* floors

**RoyalPlank**  
LUXURY VINYL WOOD PLANKS

## CHEMICAL AND STAIN RESISTANCE

This test was conducted in accordance with ASTM F 925, Resistance to Chemicals of Resilient Sheet Flooring. By this test, a specified reagent is applied to the surface of the flooring material and allowed to remain in contact for 60 +/- 1 minute. After the exposure of time, the reagent is cleaned from the surface using warm water and the surface dried. Within 5 minutes after removal of the reagent, the material is visually examined and the exposed area compared to the adjacent unexposed area.

The following categories are rated: Surface Dulling, indicating that the specimen suffered a loss of gloss

- Surface Attack, indicating that the specimen suffered surface damage such as softening, warping, swelling, blistering, peeling, raised, or rough area
- Color Change, indicating that the specimen suffered discoloring or bleaching or both.

Each category is rated as No Change=NC, Slight Change=SC, Moderate Change=MC, or Sever Change=SC. After 24 hours, the exposed specimens are re-examined and similarly rated.

Chemical	<i>Five Minutes</i>			<i>24 Hours</i>		
	Surface Dulling	Surface Attack	Color Change	Surface Dulling	Surface Attack	Color Change
5% Acetic Acid	NC	NC	NC	NC	NC	NC
70% Isopropyl Alcohol	NC	NC	NC	NC	NC	NC
Mineral Oil	NC	NC	NC	NC	NC	NC
5% Sodium Hydroxide	NC	NC	NC	NC	NC	NC
5% Hydrochloric Acid	NC	NC	NC	NC	NC	NC
5% Ammonium Hydroxide	NC	NC	NC	NC	NC	NC
5.25% Sodium Hypochlorite	NC	NC	NC	NC	NC	NC
5% Phenol	NC	NC	NC	NC	NC	NC
Unleaded Gasoline	NC	NC	NC	NC	NC	NC

## PRODUCT WARRANTY

BLOOR Floors warrants that its first line quality flooring material is free from manufacturing defects (workmanship and/or material) and will replace defective floor covering for a period of up to one (1) year from the date of purchase in accordance with the conditions set forth below. If a manufacturing defect is found, the distributor WALLS & FLOORS representative who sold you the flooring material should be notified promptly of the defect and supplied with proof of purchase and the amount of flooring purchased.

Inspection by an authorized BLOOR representative may be necessary to verify that a manufacturing defect exists, or you may be required to submit samples to the technical laboratory for analysis. BLOOR will repair defective areas or will supply at no charge, new BLOOR materials of the same or similar color, design, and grade for the defective areas for a period of up to one (1) year from the date of purchase.

If replacement is required in accordance with this warranty and the defective material or pattern has been discontinued or unavailable, BLOOR reserves the right to select and supply similar BLOOR replacement material; otherwise the same material will be supplied for replacement purposes.

Dimensional stability of BLOOR flooring material is only guaranteed when BLOOR recommended adhesive is used.

Limited Term Warranty: 10 years. BLOOR guarantees its product will not wear out for 10 years.

### THIS WARRANTY DOES NOT INCLUDE THE FOLLOWING:

1. Dissatisfaction due to improper installation, maintenance, or irregularities caused by the subfloor.
2. Reduction of gloss due to use.
3. Discoloration due to improper maintenance practices, tar/asphalt tracking, water with high mineral and iron content, grease and oil build up from cooking, carpets or mats with rubber backing, dye transfer from rugs or carpets, or ground in dirt.
4. Damage due to stains, burns, cuts, gouges, scuffs, scratches, indentations, improper use of furniture/floor protectors and other accidents or abuse.
5. Problems or damage due to moisture (including fungus discoloration), alkali or hydrostatic pressure in the subfloor.
6. Color variations from samples or printed illustrations compared to the actual production runs.
7. Installation of flooring over particle boards, chipwood, or pressboard.
8. Installations where material was not installed with the recommended **BLOOR** adhesive in accordance with **BLOOR** specifications and recommended usage.
9. Installation of **BLOOR** flooring products on grade or below grade concrete subfloors at sea level or below sea level areas with an adhesive other than **BLOOR** recommendation.
10. Installation of **BLOOR** tile over existing tile, sheet vinyl or old existing concrete conditions.

This warranty is made solely to the original purchaser of **BLOOR** first quality flooring material and is not transferable under any circumstances. This warranty is in lieu of any other expressed warranty. No representative, employee, or agent of **BLOOR** Inc. or any other person is authorized to assume for **BLOOR** any additional liability or responsibility in connection with **BLOOR** floor covering except as described above. Implied warranties or merchantability and fitness for a particular purpose are limited to a period of one (1) year from the date of purchase. In no event shall **BLOOR** be liable for indirect, consequential or incidental damages of any kind.

### In the Middle East Contact your Supplier:

#### WALLS & FLOORS MEFZCO.

P.O.Box: 18434, Jebel Ali Freezone, Dubai-U.A.E.

Tel: 00971 (4) 887 2664, Fax: 00971 (4) 887 2663

Email: [info@wallsandfloors.com](mailto:info@wallsandfloors.com), Website: [www.wallsandfloors.com](http://www.wallsandfloors.com)

***BLOOR Floors** reserves the right to update the standard procedures and specifications at any time. For commercial and residential maintenance instructions, please refer to the current maintenance program sheets.*