



1. Product Name

Pollmeier European Beech Hardwood Flooring Products

2. Manufacturer

MANUFACTURING FACILITY:

Pollmeier Leimholz GmbH
 P.O. Box 60
 Rueschfeld 131, 33384
 Rietberg, Germany
 +011 (49) 52 44 92 05 0

U.S. SALES OFFICE:

Pollmeier Inc.
 10200 SW Greenburg Rd., Suite 450
 Portland, OR 97223
 (866) 432-0699
 (503) 452-5800
 Fax: (503) 452-5801

E-mail: rietberg@pollmeier.com
 www.pollmeier-flooring.com

3. Product Description

BASIC USE

Pollmeier is internationally recognized for its quality lumber products, and is a leading producer of distinctive hardwood flooring for European and North American markets. Crafted from European beech, which has a unique grain structure and is harder than either red oak, birch or cherry, Pollmeier hardwood flooring is designed for nail and glue-down applications and is offered in 7 attractive styles.

COMPOSITION & MATERIALS

Pollmeier hardwood flooring products are German engineered and manufactured from mature European beech trees, which are specially selected and range in age from 80 - 200 years old. Sufficiently aged European beech ensures better log sizes, higher lumber grades and longer overall board lengths. This, in turn, allows for faster installations and a cleaner, seamless appearance.

Prefinished flooring is micro-beveled on 4 sides. Unfinished flooring is planed with square edges. Flooring strips are lightly steamed, giving the wood warm tones, excellent color uniformity and a consistent moisture content of 8%, plus or minus 1%.

TYPES

- Elegance - Characterized by clean lines, a rich, subtle grain and warm honey tones; wood grade is distinguished by an even run of color with natural modulations due to the annual ring structure; provides an ideal foundation for fine interior design
- Pacific - Light, warm hues; based on a mixture of 60% Elegance and 40% Inspiration grades; works well in any decor
- Inspiration - Wood grade is distinguished by red core structure; healthy knots; vibrant red and brown hues and natural grain; works particularly well in spaces decorated in muted, subtle patterns and tones
- Emotion - Wood grade is distinguished by the brown and black core and is accented with a small number of specially filled and treated knots; has a distinctive, lively look
- Antique Look - Wood grade is distinguished by rustic, wire-brushed appearance and textured surface; displays rich red and brown tones and occasional knot accents
- Washed Look - Relaxed and uncomplicated feel; naturally occurring open knots add interest and character; vintage look helps conceal everyday wear and tear; ideal for large spaces
- DesignLine - Stylish, sophisticated, contemporary appearance; available in smooth designer colors; ideal for flexible work and living spaces

SIZES

See Tables 1 and 2.

COLOR, FINISH

Pollmeier color stains are water based and are available in the following colors:

- Cinnamon
- Sierra
- Hazelnut
- Espresso
- Walnut
- Nutmeg
- Amarena
- Charcoal
- Pecan
- White-wash
- Black-wash
- Brown-wash
- Turquoise-wash
- Magenta-wash
- Blue-wash
- Ocean
- Stone
- Dark Olive
- Black Currant
- Ebony



Pollmeier's sophisticated DesignLine with Ocean stain

Pollmeier European beech flooring is available with the following prefinish options for a clean, consistent look:

- Finished with 6 coats of water-based polyurethane, 2 of them containing aluminum oxide
- Finished with 3 coats of hardwax oil (based on renewable oils and natural waxes)

Polyurethane is offered in a standard 40% semigloss, and is available by special order in other gloss levels.

BENEFITS

- Beautiful and durable
- Available in a variety of styles and colors
- Pre-sanded and accepts stain easily, making it possible to re-create the look and feel of other wood species to match individual tastes
- Versatile and capable of creating a variety of different looks
- Consistent color, grading and moisture content
- Wear resistant advanced wood finishes
- Micro-beveled edges for a precise fit and durability
- 80 - 200 year old lumber stock ensures longer lengths for seamless installation and appearance
- Pollmeier's low defect allowance packaging can lead to a full 7.5% price advantage over other manufacturers

TABLE 1 SIZES				
Style	Elegance	Pacific	Inspiration	Emotion
Thickness	3/4" (20 mm)	3/4" (20 mm)	3/4" (20 mm)	3/4" (20 mm)
Lengths	15" - 84" (380 - 2135 mm)	11.8" - 84" (300 - 2135 mm)	15" - 84" (380 - 2135 mm)	15" - 84" (380 - 2135 mm)
Widths	2 1/4" (57.2 mm)	2 1/4" (57.2 mm)	2 1/4" (57.2 mm)	3 15/16" (100 mm)
	3 1/4" (82.5 mm)	3 1/4" (82.5 mm)	3 1/4" (82.5 mm)	4 1/2" (115 mm)
	3 15/16" (100 mm)		3 15/16" (100 mm)	5 1/2" (140 mm)
	4 1/2" (115 mm)		4 1/2" (115 mm)	
Average length	3' (915 mm) for widths of 2 1/4" and 3 1/4" (57.2 and 82.5 mm)	3' (915 mm) for widths of 2 1/4" and 3 1/4" (57.2 and 82.5 mm)	2.75' (840 mm) for widths of 2 1/4" and 3 1/4" (57.2 and 82.5 mm)	4' (1.22 m)
	4' (1.22 m) for widths of 3 15/16" (100 mm) and wider		4' (1.22 m) for widths of 3 15/16" (100 mm) and wider	6' (1.83 m) for XL Planks
Style	Antique Look	Washed Look	DesignLine	
Thickness	3/4" (20 mm)	3/4" (20 mm)	3/4" (20 mm)	
Lengths	15" - 84" (380 - 2135 mm)	15" - 84" (380 - 2135 mm)	11.8" - 84" (300 - 2135 mm)	
Widths	3 15/16" (100 mm)	5 1/2" (140 mm)	2 1/4" (57.2 mm)	
	4 1/2" (115 mm)			
	5 1/2" (140 mm)			
Average length	4' (1.22 m)	4' (1.22 m)	3' (915 mm)	

OPTIONS, ACCESSORIES

Pollmeier offers a variety of hardwood accessories and stains to complement and complete the flooring installation:

- 3 styles of skirting

- Shoe molding - 0.79" wide x 0.79" deep (20.07 x 20.07 mm)
- Stair nosing - 3.52" wide x 1.06" deep (89.41 x 26.92 mm)
- Threshold - 2.11" wide x 0.98" deep (53.59 x 24.89 mm)
- Reducer strip - 2.24" wide x 0.79" deep (56.9 x 20.07 mm), reducing to 0.1" deep (2.54 mm)
- T-molding - 2" (50.8 mm) wide with depth varying from 0.12" (3.05 mm) at edges to 0.63" (16 mm) in center
- Overlap reducer strip - 1.97" long (50.04 mm) with end depths of 0.08" (2.03 mm) and 0.59" (14.99 mm)
- Unfinished treads and risers
- Pollmeier stains available in 20 colors

D143. They are designed for side and end matching and have a nail groove as well as tongue-and-groove fitting mechanisms on all 4 sides. Tolerances are applicable at the time flooring leaves the plant, and are as follows:

- Width - ± 3/250" (0.3 mm) along the entire length of each strip
- Thickness - ± 1/125" (0.2 mm)
- Side Bend - 1/25" (1 mm) maximum per linear foot



Pollmeier's stylish Magenta-Wash look

LIMITATIONS

Hardwood flooring is not recommended for installation below grade or in bathrooms due to high moisture content in these areas. Do not install over radiant heated floors.

4. Technical Data

APPLICABLE STANDARDS

ASTM International (ASTM) - ASTM D143 Standard Test Methods for Small Clear Specimens of Timber

PHYSICAL PROPERTIES

Pollmeier European beech flooring strips have a hardness rating of 1350 as measured by the Janka hardness test in conformance with ASTM

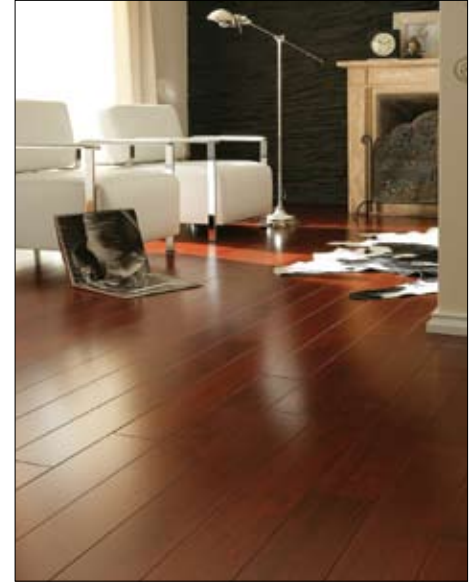


Elegance grade with a Charcoal stain

Flooring width	2 1/4" (57.2 mm)	3 1/4" (82.5 mm)	3 15/16" (100 mm)	4 1/2" (115 mm)	4 1/2" XL (115 mm XL)	5 1/2" (140 mm)	5 1/2" XL (140 mm XL)
Per box	20.44 ft ² (1.9 m ²)	21.52 ft ² (2 m ²)	17.22 ft ² (1.6 m ²)	21.52 ft ² (2 m ²)	18.29 ft ² (1.7 m ²)	24.75 ft ² (2.3 m ²)	21.52 ft ² (2 m ²)
Boxes per pallet	44	44	55	44	44	44	44
Per pallet	899.36 ft ² (83.6 m ²)	946.88 ft ² (88 m ²)	947.1 ft ² (88 m ²)	946.88 ft ² (88 m ²)	804.76 ft ² (74.8 m ²)	1089 ft ² (101.2 m ²)	946.88 ft ² (88 m ²)



Elegance grade with Walnut stain



Emotion grade with an Amarena stain

ENVIRONMENTAL CONSIDERATIONS

- Pollmeier flooring has a defect allowance of only 0.5% per box, which exceeds the industry standard by 4.5%
- Timber is processed using certified sustainable forest management techniques in accordance with the PEFC (Programme for the Endorsement of Forest Certification schemes) system and in compliance with the currently valid regulations for the manufacturing inspection of wood and wood products in the chain of custody

5. Installation

PREPARATORY WORK

Prefinished flooring is packed in Pollmeier’s Climate Safe cardboard boxes for protection against extreme humidity changes. Unfinished flooring is packed in nested bundles. Pallets are wrapped in cardboard and covered with cellophane foil.

Deliver products in manufacturer’s original, unopened, undamaged containers with identification labels intact. Unload materials in dry weather. Verify that components are packed in cardboard boxes and are protected with stretch-plastic or foil. Unload materials in dry weather.

Store materials in an enclosed, well-ventilated building with weatherproof windows and an operational heating/cooling system. Maintain storage humidity between 40 - 60% and storage temperature between 60 - 80 degrees F (16 - 27 degrees C).

Verify that site conditions are acceptable for installation. Do not proceed with installation until unacceptable conditions are corrected.

During installation, maintain interior temperature and humidity at levels expected in everyday living conditions. Check subfloor moisture content and ensure that hardwood and subfloor moisture levels are within 4% of one another if using plywood-on-slab installation.

Coordinate installation of Pollmeier products with other construction trades so that wood flooring is installed last according to project requirements. Flooring must be installed on or above grade.

Detailed installation instructions are available online at www.pollmeier-flooring.com.

METHODS

Pollmeier European beech flooring is designed for nail and glue-down applications. Install in accordance with manufacturer’s installation instructions.

BUILDING CODES

Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

PRECAUTIONS

- Use a high elastic polyurethane adhesive in glue-down applications
- Never pour water on hardwood flooring
- Do not use wax on installed polyurethane hardwood flooring

6. Availability & Cost

AVAILABILITY

Pollmeier European beech flooring is available through retail and distribution channels and is available with quick, reliable, on-time delivery from U.S. warehouse facilities on the East and West Coasts. Contact Pollmeier for local dealer listings.

COST

Pollmeier European beech hardwood flooring is very reasonably priced. Cost information may be obtained from local distributors and retailers.

7. Warranty

Pollmeier warrants the structural integrity of the flooring to be free from defects in material provided the installation procedures followed conform with those specified by Pollmeier and that all preventative maintenance procedures prescribed by Pollmeier have been followed. Pollmeier provides a 25 year limited warranty on the aluminum oxide finish for residential applications and a 3 year limited warranty on the aluminum oxide finish for light commercial applications. Complete warranty terms and conditions are available from the manufacturer. Specific warranty details are available online at www.pollmeier-flooring.com.

8. Maintenance

To protect flooring, remove dirt and grit by vacuuming and/or dust mopping at least twice weekly, or more frequently as needed. When vacuuming, use a setting appropriate for hard-

wood flooring to avoid damaging the finish.

Use only nonabrasive cleaning products that are specifically designed for wood floors and that do not contain ammonia or petroleum. Wipe up spills promptly with a dry cloth. Remove sticky spills using a slightly damp cloth, but wipe down the floor area promptly afterward with a dry cloth.

Protect flooring with mats and area rugs, especially in high traffic zones and areas prone to spills. Do not use mats or rugs that have plastic lamination. Apply felt-bottomed fabric glides under furniture legs and replace glides when they show wear. Remove shoes when walking on flooring, particularly shoes with high heels or exposed support rods or nails.

9. Technical Services

Technical assistance, including more detailed information, product literature, test results, project lists, assistance in preparing project specifications and arrangements for application supervision, is available online at www.pollmeier-flooring.com, or by contacting Pollmeier.

10. Filing Systems

- MANU-SPEC®
- Additional product information is available from the manufacturer upon request.



Pollmeier's hardwax oil finish with an Espresso stain



Emotion grade with Charcoal stain



Emotion grade with Espresso stain