



KASWELL FLOORING SYSTEMS

Next Generation Flooring, LLC

The wood block flooring specialist

Specification: Pine-Black Sealers Finish

Revised 6/7/14

Installation, finishing and maintenance instructions:

Eastern pine, Western pine, and Upland Oak Wood Block Flooring, with A-106 Black Sealer, D1261-2 Latex Black Sealer, and SB 2772 Urethane finish. For industrial, commercial and institutional use only. Other species available on request.

Please read the entire specification before commencing with the installation.

MANUFACTURE

The blocks may be manufactured from air-seasoned or kiln dried Eastern Pine, Western Pine, or Upland (red) Oak lumber, meeting the standards of the American Society for Testing and Materials D1031-81.

Blocks shall be solid $\frac{3}{4}$ " depth minimum, 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 2", 2 $\frac{1}{2}$ ", 3" or 4" in depth, (nominal dimensions), and in face sizes of 3" x 3", 4" x 4", 3" x 6", 4" x 6" (nominal dimension). Permissible variations from the specified dimensions shall not exceed 1/16" in depth and 1/8" in width.

Season checks in the blocks shall not be considered defects.

The blocks may be treated with Bardac 2280 in a petroleum solution to no less than 3 lbs. retention per cubic foot of wood, Conosol, Linseed Oil, or they may be untreated.

They shall be manufactured and installed in strict accordance with the following specification and under the direction of Kaswell Flooring Systems authorized representative.

INSTALLATION

For acclimation purposes to insure maximum results of finished products, all wood block shall be stored at the job site in the room area to be installed, either in palletized form or loose-scattered if possible, for a period of from three to ten days prior to being laid.

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NOTE: Length of acclimation period may be adjusted at the discretion of the installing contractor and is based upon atmospheric conditions at the time of year. In any event, the temperature of the room and the building must be uniformly maintained at not less than 65 Degrees Fahrenheit from before the first block delivery and through acclimation as well as during and after the installation. (Temporary heating units such as space heaters, etc. are not acceptable). The maximum relative humidity at any time shall not exceed 60%. Adequate overhead lighting shall be provided and maintained by others.

The blocks should be installed on a thoroughly cured concrete slab or carefully constructed plywood base (exactly the depth below the finished floor level corresponding with the depth of the block used). The concrete base must be smooth and level, and contain no ridges, waves or projections that would provide an uneven surface for the blocks. The plywood base must be level and solid, and be fastened properly to the underlayment with screw-type nails.

This base shall be cleaned thoroughly of dirt, construction mortar, etc., and/or other debris, by the General Contractor. Apply Bostiks Urethane Adhesive, Kaswell's -2705 Adhesive, or approved equal to the concrete or plywood sub-floor at a rate of approximately 50 sq. ft. per gallon using a ¼" notched trowel.

The blocks shall then be placed in the mastic with the end-grain showing on the surface. Where blocks are to meet all walls, columns, machine pads, etc., install ¾" wide pre-molded cork expansion joint material, unless base moldings would cover a void around the perimeter. We recommend a ¾" void.

The rows of blocks shall be kept straight and parallel, and joints should be broken by a lap of at least one-inch for all lap joint patterns. At the end of each course, the last piece of block to be installed shall be no smaller than one-inch. (Other block patterns are available and must be heretofore noted as required).

FILLING AND FINISHING

After the blocks have been installed, they should be allowed to further acclimate for at least 3-4 days. The blocks could then be sanded, making use of drum sanders and disc sanders using #3 ½ open coat sandpaper. The sanding might consist of four or eight cuts depending upon the finish chosen. We recommended the first four cuts be made across the rows of blocks, and a second four cuts (if made), completed in the same direction as the rows. Grits to be determined by the finish chosen. We suggest saving some wood flour from the drum bag, it might be used later. Depending on the finish chosen the surface might also need disc sanding.

The surface shall then coated with either Kaswell A-106 Black Sealer (solvent-based), SB 2772 Black Sealer (water-based), Kaswell D-1261-2 Latex Black Sealer, or ebony oil stain.

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FILLING

Granulated cork filler, silica sand and wood flour may be used for A-106 Black Sealer and SB 2772 Black Sealer. D-1261-2 Latex Sealer is first used as a sealer and a filler. Between coats you may choose to fill some remaining voids between blocks with silica sand before applying the additional applications (usually 3 coats)

Apply two separate coats of either BonaKemi Woodline Satin Urethane, or BonaKemi Street Shoe Water Based Urethane may be applied over stained blocks.

For commercial purposes only, mix wood flour (that you saved from the drum sanders) with an ebony stain, to the consistency of toothpaste, and past fill all voids using sponge trowels and rags, wiping the surface clean as the work progresses. Screen the urethane finish with 150 grit screens, tack clean and apply one or more additional coats of the chosen finish.

After proper drying and curing the floor surface is ready to be placed in service. It is recommended that a period of approximately 48 hours be allowed before the floor is ready for normal use.

NOTE: Because of the possibility of wide variations in working conditions, the season of the year, the condition of the blocks when first delivered (i.e. moisture content); deviations and adjustments in acclimation and installation schedules and procedures may be required. Decisions for these specification adjustments should be made by qualified wood flooring contractors. Though Kaswell Flooring Systems cannot accept the responsibility for results of installations made by others, our technical department is always available to answer any questions before, during, and after the installation. On-site Kaswell supervisory is available.

Requests for substitutions of materials or deviations of installation procedures by installing contractors shall be made in writing and directed to the Architect, Engineer or Owner involved in the quality and performance of the finished work.

If there are any questions or concerns, please do not hesitate to contact us before or during installation and finishing. Call or e-mail for technical support. Kaswell Flooring Systems cannot be responsible for results of installations made by others.

We reserve the right to change specifications without notice.

CARE & MAINTENANCE FOR YOUR WOOD BLOCK FLOOR

To protect your investment, and to ensure that your KASWELL FLOORING SYSTEM maintains its beauty with years of lasting service, we offer the following recommendations for care and maintenance:

Keep the surface free from dirt and abrasive particles by daily sweeping, using a treated flat mop or regular dust mop. Under no circumstances should water be permitted to remain on the flooring more than 10 minutes, either from spills or from washing. Routine cleaning is best accomplished with a damp mop. Be sure no puddles are created or left on the surface. Soft steel wool buffing and waxing can be added. However, if waxes are used, they will make future re-coating with urethane more difficult. An acrylic “after market” product can be used to “dress up” the surface.

Urethane Finished Flooring: To refinish with the same urethane used originally will first require screening by rotary disc type sanding machine. Tack-rag dust and recoat.

Maintenance is very important. Please call or e-mail us regarding your flooring and your needs.

KASWELL LIMITED WARRANTY

Seller warrants for a period of two years from date of delivery that Kaswell flooring is free from defects, which makes the flooring not fit for use for which they are normally intended. Seller's only obligation during this warranty period is, at its sole option, to either repair, replace, refund or credit the purchase price of the flooring, or part thereof, found to be so defective. At the conclusion of this warranty period, Seller shall be under no further obligation whatsoever. This warranty is void in the event of negligence, abuse, abnormal usage, misuse, accidents, improper installation, improper maintenance, or any circumstances or conduct beyond the control of the Seller, most particularly job-site conditions. Seller is not liable for consequential damages arising out of or in connection with the sale or use of the blocks, including, but not limited to, all labor and/or material charges or loss of income or profit relating to the goods in any way whatsoever.

Conditions of Sale

All pricing is per sq. ft. or surface measure with no milling or cutting waste figured.

All orders are subject to availability of stock for prompt delivery.

Special orders are non-cancelable and non-refundable.

A 15% restocking and handling charge is applicable on all authorized returns.