

Custom Prefinished Wood Flooring Specification Manhattan Collection

The following specifications outline specific product attributes and general job site and installation requirements. It is always the duty of the installation contractor to identify unique job conditions that may require alterations to this guidance. It is also the responsibility of the installation contractor to define the specific products and resulting requirements for such ancillary products as adhesives and underlayments.

In general, site conditions, material acclimation, and installation requirements would defer to the guidance provided by the National Wood Flooring Association (NWFA).

QUALITY ASSURANCE

Installer Qualification

An experienced installer who has completed wide plank flooring installations with a determined record of successful in-service performance.

Engineered Wood Flooring

- Plywood substrate
- 9-11 Layers
- Hardwood wear layer dry sawn veneer
- Wear layer thickness of 4mm nominal (specified textures and finishing process may slightly alter finished thickness)
- Moisture content of wear layer at time of manufacture may be from 6-9%
- California Air Resource Board (CARB2) compliant

Manufacturing Process

- Hot glue process for engineered structure
- Multi-point individual board press laminating process
- Product must be made in the USA

DELIVERY, STORAGE AND HANDLING

- Deliver material in moisture protective wrapping
- Forklift accessible crates
- Plank flooring is stacked on 4x4s; herringbone flooring is packed on pallets.

- Boxed and banded in appropriate cardboard boxes. Plank flooring is packaged 16SF per box; herringbone flooring is packaged in 14.44SF per box.
- Protect flooring from exposure to moisture. DO NOT deliver flooring until all concrete, plaster, tile and other "wet work" has been completed and is no longer contributing moisture to the environment such that the environment is outside normal living conditions.
- Flooring must be acclimated to a controlled environment, replicating near live-in conditions, 5-7 days prior to installation. Accurate length of time must be determined by the installer.

PROJECT CONDITIONS

- HVAC system must be in place and operational maintaining temperatures between 60-80° degrees F (16-27° C) and relative humidity of 30-55% for at least 14 days prior to the start of acclimation.
- Building envelope must be closed in and weather tight, with painting complete except for final coat on trim detail that may impact the flooring installation. All concrete, plaster, tile and other "wet work" has been completed and is no longer contributing moisture to the environment such that the environment is outside normal living conditions.
- To the extent that exterior grade may impact the moisture content of the substrate structure all grading should be pitched away from structure and any necessary downspouts and gutters should be installed.

Subfloor Requirements:

- Subfloor must be flat. Level and flat to within 3/16" in 10'. Check with your installer with regard to specific requirements that intended underlayment and/or adhesives may require that are different than this specification.
- Floor must have all loose debris, paint, drywall material or other material removed that may impact appropriate adhesion of the flooring material to the substrate structure.
- Concrete substrates must be dry. Dryness of substrate must be measured and documented (photographed), and dated using appropriate testing methods. Relative Humidity testing (ASTM F2170) must not exceed 75%. Calcium Chloride testing (ASTM F1869) must not exceed 3lbs of moisture emission per 1000sf over a 24 hour period.
- Wood subfloors are not to exceed 12% and should be within 2% of the moisture content of the flooring material prior to starting installation, when sampled using an appropriate resistance (pin-type) meter.

ATTIC STOCK

- Order quantity requires that 10% above the actual coverage SF be included in the quantity requested.
- It is recommended that an additional 5% be added to the order to provide the customer with attic stock for future unexpected repairs.

MANUFACTURERS

Acceptable Manufacturers:

Carlisle Wide Plank Floors
Headquarters
1676 Route 9
Stoddard, NH 03464
Corporate ph# 800-595-9663
www.wideplankflooring.com

Substitutions: **NOT PERMITTED**

**MATERIALS**

- Engineered Flooring is 5/8" total thickness
- Rift & Quartersawn White Oak
- Plank Flooring: 6" wide planks, 18"-7' lengths
- Herringbone Flooring: 4" wide x 20"long
- T and G edge joints and end matched
- Eased edges and ends
- Flooring available in 6 colors and top coated with a UV cured roll coated urethane finish
 - o Gramercy Park
 - o Lenox Hill
 - o Sutton Place
 - o Tribeca
 - o Turtle Bay
- Extra Matte sheen 6-9°.
- Grade of material is a proprietary grade created by Carlisle. Wood Filler not allowed on the surface of the planks.
- NWFA/NOFMA Certified Manufacturer

- Wood subfloors that allow for nailing (at industry prescribed schedule) require at minimum; the use of a caulking gun (such as Wakol MS 265) adhesive bead, applied across the full width of the planks at intervals of 8-12" in addition to mechanical fastening. Full-spread wood flooring adhesive applied by trowel to the substrate surface is recommended and will provide the most optimal method of glue-assist.
- Flooring should be installed in the direction recommended by the Architect or Designer or parallel to the longest wall.
- Expansion space of at least 1/2" is required around the perimeter of the installation in each room.
- Installation using full-spread glue requires the use of appropriate surface weight to properly set the individual board into the adhesive. Adhesive transfer of 95% or more to the bottom of the plank is required and must retain contact with the adhesive and substrate once dry and cured. 5 gallon buckets filled with sand or water are most commonly used for this purpose. Depending on adhesive requirement weights can typically be redistributed after 20 minutes.
- Depending on subfloor conditions and nature of the adhesive the use of shims may be required to ensure flush edge and end joint configuration.

Immediately following installation of the flooring materials, the wood surface should be thoroughly cleaned and appropriately protected to avoid damage to the flooring as other construction trades complete their responsibilities.

Refer to www.wideplankflooring.com for guidance on appropriate maintenance of the floor.