CARLISLE wide plank floors®

Custom Prefinished Wood Flooring Specification
Chalet 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).

GENERAL

QUALITY ASSURANCE

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

Our Chalet Collection offers both Engineered and Solid Structures.

Engineered Wood Flooring
- Plywood substrate
- Marine grade Baltic Birch
- 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

Solid Wood Flooring
- Relief grooves 3/8" deep, every ¾" across the bottom of the planks
- Milling tolerance must meet or exceed NWFA Standards
- Moisture content should be in the 6-9% range

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
- Planks are stacked in custom crates to accommodate the long board lengths. Crate dimensions are roughly 192"L x 44"W x 30"H, depending on the square footage.
- 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.

PRODUCT

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 or Solid Flooring is 3/4" total thickness
- Brushed Hickory
- 8" wide planks, 2'-12' lengths with 6'-7' average
- T and G edge joints and end matched
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- Softened edge on the 2 long sides of each plank of 1/32" - ENDS ARE NOT EASED
- Flooring available in 3 colors and top coated with a UV cured urethane finish
    - o Garden Path
    - o Mountainside
    - o Sloping Rooftop
    - o Snow Drift
- Extra Matte sheen 5-10° gloss
- Stained tongue and groove
- Grade of material is a proprietary grade created by Carlisle. Wood Filler not allowed on the surface of the planks.
- NWFA/NOFMA Certified Manufacturer

INSTALLATION

- 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 ½" is required around the perimeter of the installation in each room.
- Installation using full-spread glue requires the of use 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.

PROTECTION

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

MAINTENANCE

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