

# Recommended Fasteners & Nailing Schedules

## IMPORTANT NOTICE – PLEASE READ

COUTURE	Fastener	Gauge	Size	Nail Spacing	Distance from end	Comments
Natural Oiled 20mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	Requires glued end joints and glue assist. See notes on page 2.
	Cleat	16	2"	6 - 8"	2 - 3"	
Engineered Strip 10mm [3/8"] thick	Staple	18	1½ - 1¾"	3 - 4"	1 - 2"	If installing over OSB, glue assist required. See notes on page 2.
	Cleat	18	1½ - 1¾"	4 - 6"	1 - 2"	
Fantasy 15mm [5/8"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	Requires glued end joints and glue assist. See notes on page 2.
	Cleat	16	2"	6 - 8"	2 - 3"	

ORIGINALS	Fastener	Gauge	Size	Nail Spacing	Distance from end	Comments
European Plank 14mm-15mm [9/16"-5/8"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	Requires glued end joints and glue assist. See notes on page 2.
	Cleat	16	2"	6 - 8"	2 - 3"	
Antiqued Solid 18mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	
	Cleat	16	2"	6 - 8"	2 - 3"	
Antiqued Engineered 14 - 14.2mm [9/16"] thick	Staple	18	1½ - 1¾"	3 - 4"	1 - 2"	Requires glue assist. See page 2.
	Cleat	18	1¾ - 2"	6 - 8"	1 - 2"	Glue assist recommended, esp over OSB or in dry climates. See notes on page 2.
		16	1¾ - 2"	4 - 6"	2 - 3"	
Engineered 13.5mm-14mm [1/2"] thick	Staple	18	1½ - 1¾"	3 - 4"	1 - 2"	Requires glue assist. See page 2.
	Cleat	18	1¾ - 2"	4 - 6"	1 - 2"	Glue assist recommended, esp over OSB or in dry climates. See notes on page 2.
		16	1¾ - 2"	6 - 8"	2 - 3"	
Solid Hardwood 18mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	
	Cleat	16	2"	6 - 8"	2 - 3"	

ELEMENTS	Fastener	Gauge	Size	Nail Spacing	Distance from end	Comments
Antiqued Solid 18mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	
	Cleat	16	2"	6 - 8"	2 - 3"	
Antiqued Engineered 12mm [1/2"] thick	Staple	18	1½ - 1¾"	3 - 4"	1 - 2"	Glue assist required. See page 2.
	Cleat	18	1¾ - 2"	4 - 6"	1 - 2"	Glue assist recommended, esp over OSB or in dry climates. See notes on page 2.
		16	1¾ - 2"	6 - 8"	2 - 3"	
Engineered 5" 12mm [1/2"] thick	Staple	18	1½ - 1¾"	3 - 4"	1 - 2"	Glue assist required.
	Cleat	18	1¾ - 2"	4 - 6"	1 - 2"	Glue assist recommended, esp over OSB or in dry climates. See notes on page 2.
		16	1¾ - 2"	6 - 8"	2 - 3"	
Engineered 6½" 12mm [1/2"] thick	Staple	18	1½ - 1¾"	3 - 4"	1 - 2"	Glue assist required. See notes on page 2.
	Cleat	18	1¾ - 2"	4 - 6"	1 - 2"	
		16	1¾ - 2"	6 - 8"	2 - 3"	
Solid Hardwoods 18mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	
	Cleat	16	2"	6 - 8"	2 - 3"	
Longstrip 14mm [9/16"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	Requires glued end joints and glue assist. See notes on page 2.
	Cleat	16	2"	6 - 8"	2 - 3"	
Progressives 3½" 18mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	
	Cleat	16	2"	6 - 8"	2 - 3"	
Progressives 5" 18mm [3/4"] thick	Staple	15 ½	2"	6 - 8"	2 - 3"	Recommend Glue Assist, especially over OSB and in dry climates. See notes on page 2.
	Cleat	16	2"	6 - 8"	2 - 3"	

The following chart lists recommended fasteners for nail down installation of Kentwood floors, along with recommended spacing. Due to the wide variety of different wood species, surface treatments, construction methods and milling specifications used in Kentwood floors, products that appear to be the same or similar may require different installation methods for best results. Please consult the chart carefully to ensure you are using a fastener and spacing schedule specifically recommended for the product you are installing. The chart also indicates where glue assisted procedures are required or recommended.

Factors such as age and wear may affect the performance of any nailer. Regularly maintain your equipment and replace worn or damaged components for optimum performance.

**Prior to beginning any installation, installers are advised to test nail a piece of flooring to ensure the nailer / fastener combination will provide satisfactory results with the flooring product being installed. For complete installation instructions please visit [kentwoodfloors.com](http://kentwoodfloors.com)**

# IMPORTANT NOTICE – GLUE ASSIST AND GLUED END JOINTS

Wide plank flooring has become increasingly popular in recent years and many of Kentwood's products feature wide plank designs. While these products can be installed with nail down installation, fasteners alone are often not enough to secure the flooring to the subfloor. For this reason Kentwood requires that selected styles of flooring use glue in addition to mechanical fasteners in nail down installations. Selected products may require 'glue assist', 'glued end joints' or both. See details below.

**NOTE:** Failure to follow instructions for 'glue assist' or 'glued end joints' in nail down installations may result in squeaking and/or other objectionable floor noise. Such noise is not the result of a product defect and is not covered by the product warranty. Some noise can be expected on all nail down installations.

Where required, use glue assist and glued end joints as follows:

## GLUE ASSIST

A glue assist procedure is required for some wide plank products and recommended for others. The procedure helps to secure the boards to the subfloor.

When using glue assist pay special attention to cleaning the subfloor prior to installation as dirt and debris on the subfloor may impede the bond of the glue. Vacuum subfloor thoroughly before commencing installation.

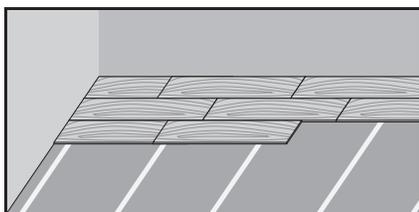
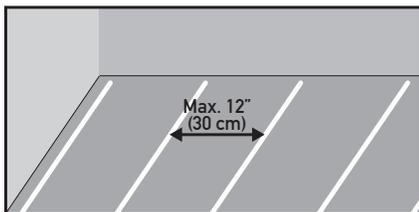
Use a tubed urethane adhesive for hardwood flooring installation, such as Mapei Ultrabond ECO 905. Do **not** use floating floor glues like Deccobond, or general purpose construction adhesives like Liquid Nails or PL400.

There are two recommended procedures for glue assist.

### METHOD ONE: GLUE APPLIED TO SUBFLOOR

The first option can be used on most products and is the most efficient to employ.

Select the area of substrate on which you'll be installing. As with any glue application, select an area that can be worked comfortably within the adhesive's open time. Apply beads of adhesive directly to the subfloor perpendicular to the direction of the flooring

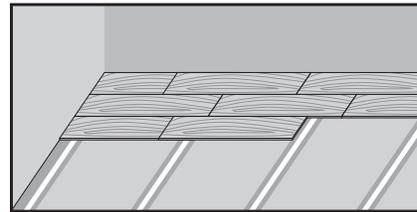
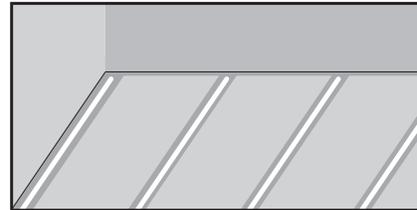
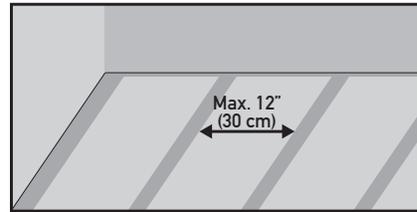


boards. Place beads maximum of 12" (30cm) apart. Place boards onto glued area as normal and set fasteners. Clean up any excess glue immediately according to glue manufacturer's instructions.

This method can also be

used where the flooring is being installed above an unfinished basement or crawlspace, in which case a vapor retarder must be installed over the subfloor in addition to the glue assist procedure. To do this:

- Cut the vapor retarder material into 12" (30cm) strips



• Lay the vapor retarder on the subfloor perpendicular to the direction of the floorboards. Lay the strips with 1/2" (1cm) gap between each strip and tack the strips into place.

- Apply beads of adhesive directly to the subfloor in the 1/2" (1cm) space between the vapor retarder strips.
- Install the flooring, following the recommended nailing schedule.

### METHOD TWO: GLUE APPLIED DIRECTLY TO FLOOR BOARDS

The second glue assist option is recommended for products with long fixed length boards (eg Natural Oiled, European Plank, Hand-Scraped, Longstrip).

Apply adhesive to the underside of each board.



a 1/4" bead parallel to each end, approximately 1" from the

end. Apply in a 1/4" bead a serpentine pattern down the length approximately in the center of the board, keeping glue 1" in from the edges of the board.

Carefully set the board in place (to avoid getting glue on other surfaces) then nail in as normal. Clean up any excess glue immediately according to glue manufacturer's instructions.

### GLUED END JOINTS

Certain wide plank products also requiring gluing of the end joints for added stability. Glue the end joints together using a non-crystallizing wood flooring glue such as Deccobond. Apply glue in a continuous bead to upper edge of groove portion of joint only. Set joints closed using a white rubber mallet or hammer and tapping block. Never use a hammer directly on the tongue and groove joints as damage to the joint may result. Clean up excess glue immediately according to glue manufacturer's instructions.