

## UNFINISHED ENGINEERED FLOORING

### SPECIFICATIONS



|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIE         | WHITE OAK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| GRADES         | SELECT & BETTER, 1 COM, (CHARACTER-SPECIAL ORDER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| GRAIN PATTERNS | PLAIN SAWN, RIFT & QUARTERED, RIFT ONLY, QUARTERED ONLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SURFACE        | UNFINISHED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| WIDTHS         | PS - 4" UP TO 8"<br>RQ/RIFT/QTD - 4" UP TO 12" -9" & WIDER CONSIDERED ON A PER QUOTE BASIS<br>9" & WIDER OFFERED AS 3/4" 4MM                                                                                                                                                                                                                                                                                                                                                                                               |
| LENGTHS        | STANDARD   2'-10'  <br>SPECIAL   3' -10' or 3'-12'*<br><br>*Please note our longer length options are not random length bundles. They are nested by lengths. Example: 3' length bundles, 4' length bundles, 5' length bundles etc.<br>GBF will try to ship as close to the square footage ordered as possible.<br>We could include up to 5% additional on long lengths which is considered a special custom order.<br>It is the installers responsibility to sort and mix the various lengths while racking out the floor. |
| THICKNESS      | 5/8"   4mm WEAR LAYER   UP TO 8" WIDTHS<br>3/4"   4mm WEAR LAYER  <br>(Extremely stable in all climates/applications)<br>SPECIAL 3/4"   6mm WEAR LAYER   considered on a per quote basis                                                                                                                                                                                                                                                                                                                                   |
| WEAR SURFACE   | STANDARD 5/32 or 4mm and SPECIAL 6mm<br>Material may require light screening or light sanding at jobsite.<br>All wear layers are sawn veneers to give a solid look with dimensional stability                                                                                                                                                                                                                                                                                                                              |
| SUBSTRATE      | PLY-CORE BY GRAF BROTHERS<br>5/8" thickness 10mm Vertical Grain Poplar center core, 2mm Aspen or Basswood Backer Board<br>3/4" thickness 13mm Vertical Grain Poplar center core, 2mm Aspen or Basswood Backer Board                                                                                                                                                                                                                                                                                                        |
| MACHINING      | Tongue & Groove and End Matched, Square Edged                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| STYLES         | SINGLE STRIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| INSTALLATION   | Can be nailed, stapled, or glued. When gluing please follow NOFMA/NWFA recommendations<br>Can be installed above, on or below grade. Not recommended for floating floor installation.<br>Radiant Floor Systems: 4mm only. See sales rep for details.                                                                                                                                                                                                                                                                       |

### INDIVIDUAL SPECIFICATIONS

WHITE OAK      **Select/Better** | PS | R/Q | RIFT | QTD |      **1 Common** | PS | R/Q      **Character** | PS | R/Q |

### GRADE SPECIFICATIONS

**SELECT & BETTER** Mostly heartwood with a minimum number of character marks and discoloration that provides a uniform appearance while allowing for natural color variations. Average Length 3.25'

**1 Common** Contains some color variation, has sapwood and heartwood. Contains minor mineral streaks and spots and some closed defects.

**CHARACTER** - Special order. Approx | Nested 2'-10' | Average Length 3.5'  
Mix of 1 Common and 2 Common grades. May contain dark mineral, natural color variations, sapwood and heartwood. Some open defects are allowed, as well as unlimited closed defects.

See our [www.grafbro.com](http://www.grafbro.com) for photos of grades

10.20.2023

# BUNDLE SHEET

## ENGINEERED WHITE OAK



### BUNDLE GUIDELINES

#### STANDARD PACKAGING - ENGINEERED

Nominal lengths +/- 6" stated lengths

(BUNDLE SIZE 2'-10')

| WIDTH | SF/BDLE | PALLET |
|-------|---------|--------|
| 3"    | 15'     | 1080'  |
| 4"    | 20'     | 1080'  |
| 5"    | 25'     | 1050'  |
| 6"    | 15'     | 1080'  |
| 7"    | 17.5    | 1050'  |
| 8"    | 20      | 960'   |

|                 | STD. LENGTH | AVG LENGTH     | PALLET SIZES                             |
|-----------------|-------------|----------------|------------------------------------------|
| Select & Better | 2'-10'      | 3.5' -4.5' AVG | 11' (1'-10'/2'-10') L 132"x H 40"x W 40" |
| Select & Better | 3'-10'      | 5' AVG         | 13' (3'-10'/3'-12') L 156"x H 40"x W 40" |
| 1 Common        | 2'-10'      | 3.5'-4.5' AVG  |                                          |
| Character       | 2'-10'      | 3.5'-4.5' AVG  |                                          |

#### LONG LENGTH BUNDLE PACKAGING - ENGINEERED SPECIAL ORDER

Lengths stated below are nominal +/- 6" of stated lengths - Nested by lengths not random lengths

Use chart below for sq ft per bundle for each width listed and square footage per bundle by length

| 3" Bundle ftg by lengths  |        |         | 4" Bundle ftg by lengths  |        |        | 5" Bundle ftg by lengths |        |         | 6" bundle ftg by lengths  |        |        |
|---------------------------|--------|---------|---------------------------|--------|--------|--------------------------|--------|---------|---------------------------|--------|--------|
| WIDTH                     | LENGTH | SQ FTG  | WIDTH                     | LENGTH | SQ FTG | WIDTH                    | LENGTH | SQ FTG  | WIDTH                     | LENGTH | SQ FTG |
| 3"                        | 3'     | 4.5'    | 4"                        | 3'     | 6'     | 5"                       | 3'     | 7.5'    | 6"                        | 3'     | 4.5'   |
|                           | 4'     | 6'      |                           | 4'     | 8'     |                          | 4'     | 10'     |                           | 4'     | 6'     |
|                           | 5'     | 7.5'    |                           | 5'     | 10'    |                          | 5'     | 12.5'   |                           | 5'     | 7.5'   |
|                           | 6'     | 9'      |                           | 6'     | 12'    |                          | 6'     | 15'     |                           | 6'     | 9'     |
|                           | 7'     | 10.5'   |                           | 7'     | 14'    |                          | 7'     | 17.5'   |                           | 7'     | 10.5'  |
|                           | 8'     | 12'     |                           | 8'     | 16'    |                          | 8'     | 20'     |                           | 8'     | 12'    |
|                           | 9'     | 13.5'   |                           | 9'     | 18'    |                          | 9'     | 22.5'   |                           | 9'     | 13.5'  |
|                           | 10'    | 15'     |                           | 10'    | 20'    |                          | 10'    | 25'     |                           | 10'    | 15'    |
|                           | 11'    | 16.5'   |                           | 11'    | 22'    |                          | 11'    | 27.5'   |                           | 11'    | 16.5'  |
|                           | 12'    | 18'     |                           | 12'    | 24'    |                          | 12'    | 30'     |                           | 12'    | 18'    |
| 7" bundle ftg by lengths  |        |         | 8" Bunde ftg by lengths   |        |        | 9" Bundle ftg by lengths |        |         | 10" Bundle ftg by lengths |        |        |
| WIDTH                     | LENGTH | SQ FTG  | WIDTH                     | LENGTH | SQ FTG | WIDTH                    | LENGTH | SQ FTG  | WIDTH                     | LENGTH | SQ FTG |
| 7"                        | 3'     | 5.25'   | 8"                        | 3'     | 6'     | 9"                       | 3'     | 3.375'  | 10"                       | 3'     | 3.75'  |
|                           | 4'     | 7'      |                           | 4'     | 8'     |                          | 4'     | 4.5'    |                           | 4'     | 5'     |
|                           | 5'     | 8.75'   |                           | 5'     | 10'    |                          | 5'     | 5.625'  |                           | 5'     | 6.25'  |
|                           | 6'     | 10.5'   |                           | 6'     | 12'    |                          | 6'     | 6.75'   |                           | 6'     | 7.5'   |
|                           | 7'     | 12.25'  |                           | 7'     | 14'    |                          | 7'     | 7.875'  |                           | 7'     | 8.75'  |
|                           | 8'     | 14'     |                           | 8'     | 16'    |                          | 8'     | 9'      |                           | 8'     | 10'    |
|                           | 9'     | 15.75'  |                           | 9'     | 18'    |                          | 9'     | 10.125' |                           | 9'     | 11.25' |
|                           | 10'    | 17.5'   |                           | 10'    | 20'    |                          | 10'    | 11.25'  |                           | 10'    | 12.5'  |
|                           | 11'    | 19.25'  |                           | 11'    | 22'    |                          | 11'    | 12.375' |                           | 11'    | 13.75' |
|                           | 12'    | 21'     |                           | 12'    | 24'    |                          | 12'    | 13.5'   |                           | 12'    | 15'    |
| 11" Bundle ftg by lengths |        |         | 12" Bundle ftg by lengths |        |        |                          |        |         |                           |        |        |
| WIDTH                     | LENGTH | SQ FTG  | WIDTH                     | LENGTH | SQ FTG |                          |        |         |                           |        |        |
| 11"                       | 3'     | 4.125'  | 12"                       | 3'     | 4.5'   |                          |        |         |                           |        |        |
|                           | 4'     | 5.5'    |                           | 4'     | 6'     |                          |        |         |                           |        |        |
|                           | 5'     | 6.875'  |                           | 5'     | 7.5'   |                          |        |         |                           |        |        |
|                           | 6'     | 8.25'   |                           | 6'     | 9'     |                          |        |         |                           |        |        |
|                           | 7'     | 9.625'  |                           | 7'     | 10.5'  |                          |        |         |                           |        |        |
|                           | 8'     | 11'     |                           | 8'     | 12'    |                          |        |         |                           |        |        |
|                           | 9'     | 12.375' |                           | 9'     | 13.5'  |                          |        |         |                           |        |        |
|                           | 10'    | 13.75'  |                           | 10'    | 15'    |                          |        |         |                           |        |        |
|                           | 11'    | 15.125' |                           | 11'    | 16.5'  |                          |        |         |                           |        |        |
|                           | 12'    | 16.5'   |                           | 12'    | 18'    |                          |        |         |                           |        |        |

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