

ACCOYA® Color—Grey Decking



Pioneer Millworks Accoya® Color Grey Decking is FSC®-certified and cradle-to-cradle gold certified making it a top choice for sustainability and material health. The rot and moisture resistance of this acetylated pine is due to the unique vinegar treatment it is given directly after harvest. This makes it extremely durable, rivaling tropical hardwoods for longevity, and it comes with a 25-year above-ground warranty. After the acetylation process these decking boards are then immersed in a dye that penetrates the wood to the core with pigment, meaning that any cut ends maintain their color without needing any additional stains or finishes, and the decking surface will not require refinishing throughout its lifecycle.



Accoya Color installed in France

Key benefit	Accoya Color	WPCs*	Ipe	Western Red Cedar	Thermally modified
Maintenance interval	✓✓	✓✓✓	✓	✓	✓
Color life	✓✓	✓✓✓	✓	✓	✓
Warranty	✓✓✓	✓✓✓	N/A	N/A	✓
Stability	✓✓✓	✓✓	✓	✓✓	✓
Ease of install	✓✓✓	✓✓	✓	✓✓	✓✓

*Wood Plastic Composite

Pioneer Millworks ACCOYA® Color—Grey Decking

10/2024

CUT AND PASTE SPECIFICATION INTO APPROPRIATE CSI DIVISION 09 15 00—Wood Decking

MANUFACTURER

Pioneer Millworks East
1180 Commercial Drive
Farmington, NY 14425
Phone: 800-951-9663

Pioneer Millworks West
2655 NE Orchard Ave.
McMinnville, OR 97128
Phone: 503-437-9017

MATERIALS

1. **Product Name:** ACCOYA® Color—Grey Decking
2. **Species/Description:** Radiata Pine/acetylized & color treated, smooth planed
3. **Source:** Sustainably Harvested Forests
4. **Color:** Grey. Some color variation is inherent to the product
5. **Grade:** Select
6. **Dimensions:**
 - Solid**
 - TH—1"
 - WD—5 3/4"
 - LG—8', 12', 14', 16' (Actual length may vary by up to 2")
7. **Milling:** S4SE4E
8. **Finish:** Unfinished
9. **Hardness:** 922
(Janka Ball Test ASTM D1037-96A, Natural wood products have no minimum hardness since hardness is a characteristic of species and cannot be controlled)
10. **FSC Claim:** FSC Mix 70%

ADDITIONAL INFORMATION

- Heartwood:** No restriction
Grain: No restriction
Knots: Boards to be primarily free of knots
Texture: 100% surfaced
Voids: No voids present
Discoloration: Some variations in overall color tone may be observed between batches, or single boards within a batch, due to the natural variability of wood.
Checks: No checks present
Moisture Content: 3-5% in normal conditions

LEED INFORMATION

- MRc1:** Building Life-cycle Impact Reduction.
MRc3: FSC Mix 70%.
MRc4: Material Ingredients Optimization: C2C Gold Certified.

RECOMMENDED OVERAGE

Recommend 7–12% additional material for on-site grading, trimming and installation factors.

FASTENERS AND FIXINGS

1. Avoid ferrous metals (coated mild steel)
2. Face or hidden fasteners can be used and many fastening systems will work with Accoya Color
3. Use stainless steel grades A2, A4 (304 / 316)
4. To prevent end splitting, you will need to ensure that the fixing is placed with at least 1" clearance to the end of the decking board with a pre-drilled pilot hole through the boards
5. To prevent staining using a non-corrosive barrier between treated lumber and metal hangers is recommended such as Protecto Wrap.

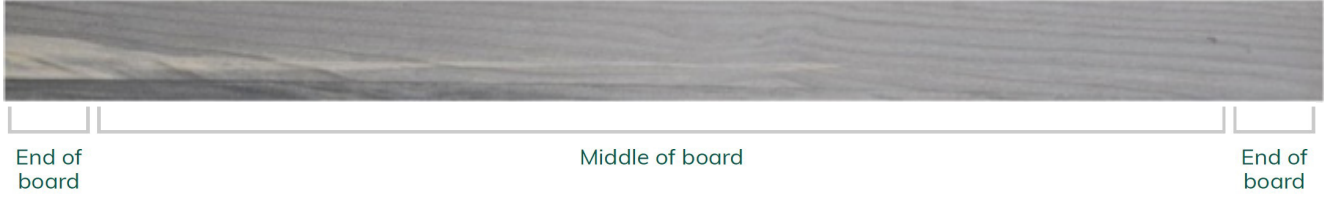


Information is deemed reliable but subject to change. All photos for representation only. Additional information available at our website or call our wood design experts.

GRADING

Accoya Color Deckboards

Grading takes place across 3 zones



Layers of Typical Color Deckboards




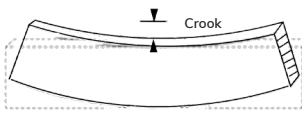
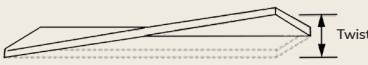
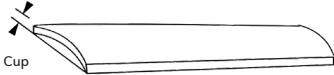
GRADING

Accoya Color Grading Rules

Accoya Color Rough Sawn - these boards are skimmed, generally on sapwood face for Color quality check. This is defined as the top face. These grading rules apply to the boards as delivered and visible defects in that delivered form. The grading rules do not apply to boards which have been further processed by the manufacturer or any further step.

Accoya Color Deckboards - the grading rules apply to boards supplied as profiled to the finished deck board by manufacturers, Accsys, and of those boards in the delivered state. As with all wood products, supplemental defects might develop in service and are outside the scope of this Grading specification.

Accoya Color Grading Table

		Graded by the better face	Better Face	Back Face														
Color Defects	At the end of the board		Maximum 24 inches patch total length	Unlimited														
	In the middle of the board		Up to 3 patches allowed Maximum 24 inches total length	Unlimited														
	Along the edge of the board		Maximum 1 inches wide	Unlimited														
	Between boards		Variable shades of grey permitted	Unlimited														
	Total surface area		Maximum no color uptake on 15% of surface area. Brown staining (will machine out)	Unlimited														
Wood Defects	Up to 3 of the following defects or equivalent	Knot (pin)	1/2 inches diameter or less	Unlimited														
		Bark or resin pocket	5/16 inches wide, 2 inches long or equivalent	Unlimited														
		Resin streaks	A set of three up to 5/16 inches wide, 4 inches long or equivalent, E.g. equivalent could be 6 qty 5/16 inches wide and 2 inches long	Unlimited														
	Surface checks		Three up to 1/16" wide, 10" long or equivalent	Unlimited														
	Splits and end splits		Short split, up to width of board and not to exceed 8"	n/a														
	Wane		Not allowed	Unlimited														
	Bow		<table border="1"> <thead> <tr> <th colspan="2">Allowable Limit</th> </tr> </thead> <tbody> <tr> <td>8 ft</td> <td>1.18 in</td> </tr> <tr> <td>12ft</td> <td>2.56 in</td> </tr> <tr> <td>14ft</td> <td>3.54 in</td> </tr> <tr> <td>16ft</td> <td>4.72 in</td> </tr> </tbody> </table>	Allowable Limit		8 ft	1.18 in	12ft	2.56 in	14ft	3.54 in	16ft	4.72 in					
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Tolerances		Thickness - 0.02 in	Width - 0.04 in															

Up to 5% of boards off grade shall be deemed acceptable.



Get in touch

Please email us with enquiries and the responsible sales manager will follow up promptly:

sales@accsysplc.com

North America

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972-233-6565

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