



# SOLID WOOD SLAT WALL PANELS



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# Color Chart

## Color chart of solid wood slat wall panels

	Product Name	Wood core's color	Felt's color
	WHITE ASH	White ash	Black
	WALNUT	Walnut	Black
	WHITE ASH WITH GREY FELT	White ash	Grey
	WHITE OAK	Oak	Black
	SMOKED ASH	Ash	Black
	ACACIA	Acacia	Black

# Technical Specification

## 1. Product Composition

- **Backing Material:** 3/8" recycled PET polyester felt (available in black or grey).
- **Wood Strips:** Solid wood strips (available in ash or walnut).  
Dimensions: 15/16" (width) x 1/2" (depth)
- **Spacing Between Strips:** 1/2"

## 2. Panel Dimensions

- **Height:** 46"
- **Width:** 20 11/16"
- **Depth:** 7/8"
- **Coverage per Box:**  
13.22 square feet (two panels per box)

## 3. Properties of Solid Wood

- **Resistance:** High resistance to wear and tear
- **Aesthetic:** Natural wood grains

## 4. Care and Maintenance

- **Treatment:** Panels are pre-treated; no additional treatments required.
- **Cleaning:** Use light dusting or vacuuming to prevent dust buildup; wipe with a dry cloth if necessary.

## 5. Cutting Instructions

- **Width Cuts:** Use a sharp saw (miter saw, table saw, or fine-tooth hand saw)
- **Length Cuts:** Use a craft knife to cut through the felt.

## 6. Installation Instructions

- 1 Adhesive Application:** Apply construction adhesive to the back side of the panels.
- 2 Panel Mounting:** Place the wood panel onto the wall.
- 3 Securing Panels:**  
Use screws to secure panels through the acoustic felt:
  - Black screws for black backing
  - Silver or grey screws for grey backing
  - Minimum of 6 screws per panel, evenly spaced.

## 7. Ceiling Installation

**Joist Anchoring:** Ensure screws are anchored into ceiling joists when installing on ceilings.

## 8. Recommended Installation with Timber Battens

- **Timber Battens:** Screw 2" timber battens to the wall.
- **Panel Securing:** Screw panels directly into the battens through the acoustic felt.

## 9. Additional Information

### Contact:

For installation assistance, contact:

- Tel: +17866154148
- Email: [info@woodywalls.com](mailto:info@woodywalls.com)

# Technical Specification

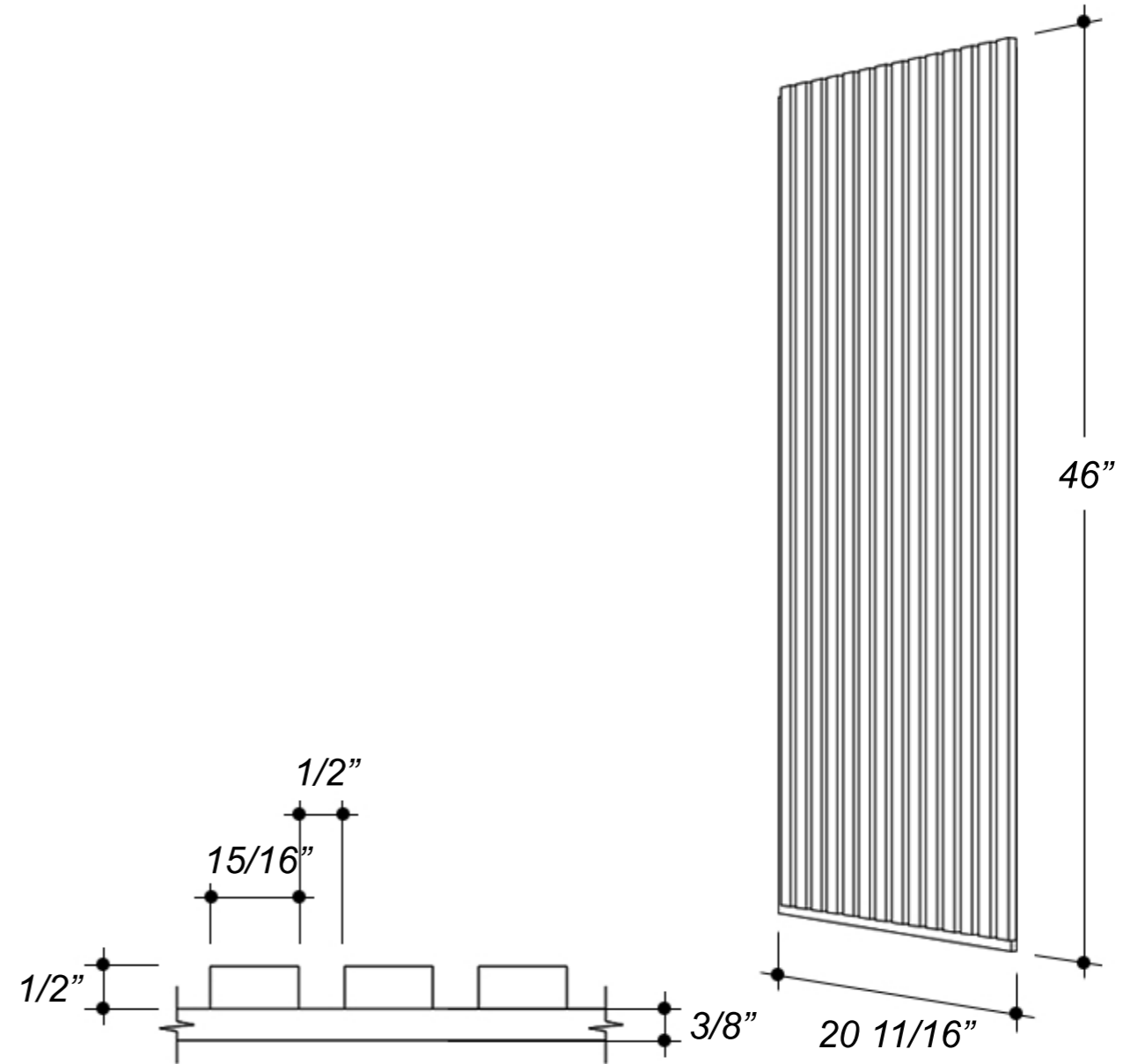
## ■ Sound Absorption Coefficient:

Measurement of sound absorption coefficient acc. DS/EN ISO 354:2003.

The 14 panels were laid out flat on the concrete floor in the reverberation test room. Closed frame around edges.

Test condition:

Ambient temperature	28.9°C
Volume reverberation room	260 m <sup>3</sup>
Relative humidity	77.6% RH
Test Area	10.96 m <sup>2</sup>



Frequency Hz	Absorption Coefficient, $\alpha_s$
100	0.01
125	0.01
160	0.03
200	0.04
250	0.06
315	0.10
400	0.14
500	0.19
630	0.31
800	0.46
1000	0.64
1250	0.83
1600	1.06
2000	1.14
2500	1.08
3150	0.99
4000	0.89
5000	0.79
EIs	0.49
SAA	0.50
NRC	0.50

