INSTALLATION INSTRUCTIONS

For detailed installation instructions follow the directions provided by the manufacturers of the adhesives listed below.

Vertical Interior and Exterior Applications

The adhesive should be applied to both the individual Antique Wood piece and installation surface with the double spread technique. Excess adhesive should be removed using a dry spatula or sponge.

We recommend the adhesives listed below or equivalents having the same physical/mechanical properties.

- **LATICRETE LATAPOXY 310 STONE ADHESIVE**
- **Bostic Industrial Grade 1100 FS Polyurethane Adhesive/Sealant**
- **Bostic Chem Calk-Commercial Grade 915 Polyurethane Sealant**
- **Bostic Heavy Duty Construction Adhesive (HDCA)**
- **Lepage PL Premium Polyurethane**
- **ARDEX WATM Epoxy Grout and Adhesive**
- **ARDEX S 48TM Rapid-Set Thin Set Mortar/Mastic Hybrid**

Pattern Repetition

Approximately 1 in 100,000

PRECAUTIONS:

- Always follow and check your local building codes
- Products are intended as a veneer covering only for vertical surfaces.
- Use of adhesive products not approved by the manufacturer may cause installation issues.
- Application temperature should range between 41degrees F (5 C) and 77 degrees F (25 C).
- Above 77 degrees F, the setting layer should be dampened with water and the pieces installed on the dampened surface.
- Do not install on irregular or painted surfaces.
- Do not install on degraded / humid plaster or any other degraded surface.
- Do not install on light mortar or lime.
- All surfaces should be clean and free of any dust or other material that could cause lack of adhesion.
- Installations surfaces subject to high temperatures must be properly isolated.
- For exterior applications, it is recommended that expansion joints be used. Follow current TCNA Standards
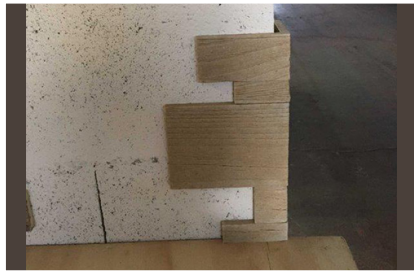- Can be installed over drywall

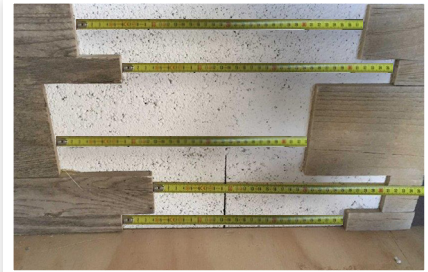| TEST RESULTS	ASTM TEST	ANTIQUE WOOD
FSI (flame spread index)	E84	5 (A CLASS)
Absorption by weight %	C97	0.07%
Density & bulk specific gravity	C97	2583 kg./m^3
Linear thermal expansion	C372	25.5609 x 10-6
Bond strength	C482	827PSI
Freeze/Thaw resistance	C666	0.1% weight
Rupture modulus	C99	16.1 MPa
Compressive strength	C170	76.2 MPa
Abrasion index	C241	9.2
Knoop hardness	C849	1259 Mpa
Flexural strength	C880	16.6 MPa
Volatile organic compunds (VOC)emissions	D5116 / CA01350	Compliant
Resistance to salt corrosion using S02 (PH<3)	Din 50021 class	Compliant
Ageing due to chemical-physical erosion	NF T30 049	Compliant

For best results use the guide below to install Antique Wood Panels and corners.

1. Start at the bottom of the wall. Install corners on both ends of wall.

2. Work from left to right by installing Antique Wood panels until the gap between the corner pieces and full panels is less than a full panel.

3. Measure each section in the gap.

4. Use a sharp industrial knife to cut the mesh at the back of each panel so you end up with individual loose pieces.

5. Cut down the individual pieces from step 4 to fit the gaps you measured in step 3.

6. Install the individually cut pieces into the gap.

7. Working from the bottom to the top, right to left install the next row of panels until the gap between the corner pieces and the full panels is less than a full panel.

8. By alternating the installation on your wall, starting one row on the left and the next row on the right, the installer ensures that the rows are always slightly offset, thus providing seamless final installation.

For additional information contact us at **www.realstone.com | 1.866.698.5066**