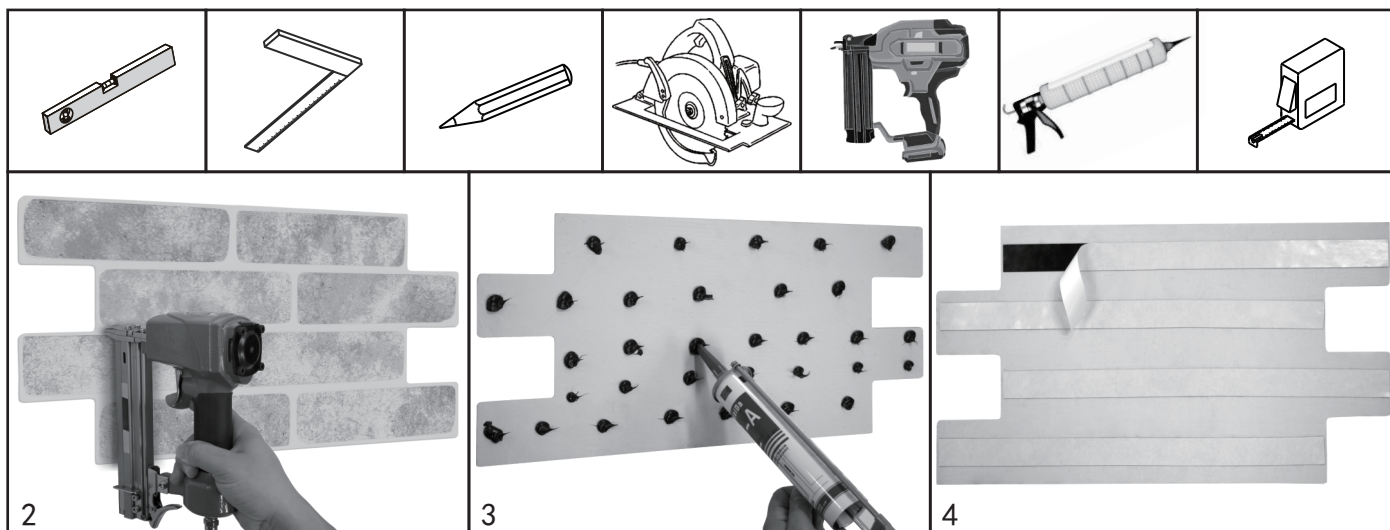


Installation Instructions.



1. BEFORE INSTALLATION

It is **crucial** that you read and fully understand the instructions provided before beginning installation. Improper installation, use, or maintenance may result in the voiding of the manufacturer's warranty. The following points are the responsibility of the installer and/or owner

Pre-Installation Inspection:

We strongly recommend that you inspect the color, finish, style, and quality of the Flexi Stone Wall Panels **before** installation. Verify that the panels received match the correct material specifications. At this stage, carefully check for any defects or imperfections you may wish to address. Once installed, we are not responsible for any costs associated with repairs or replacements of panels with visible defects.

Site and Environmental Conditions:

The installer and owner are responsible for ensuring that the job site and work area meet the required conditions prior to installation. Additionally, the environmental conditions outlined in this document must be maintained throughout the installation process.

The performance of the product is directly influenced by proper installation, adherence to environmental conditions, ongoing maintenance, and the quality of the substrate on which it is installed.

2. GENERAL CONDITIONS OF THE SUBSTRATE

As a general rule, substrates where the wall panel is going to be installed shall be compact, solid, flat, not too rough and absorbent. The behavior of the substrate, the contractions and expansions it undergoes, can affect the behavior of the wall panel, so it must also be dimensionally stable, non-deformable, dry, free of moisture from rising; free of cracks, clean and free of substances that are not perfectly anchored and dust.

The substrate must be compatible with the adhesive. **IMPORTANT:** Never install a wall panel on a substrate that has moisture, or that you know may have moisture-related problems.

2.1. Cleaning the substrate

The substrate must be clean and free of elements that may hinder bonding. Refer to the adhesive instructions to check the compatibility of the substrate.

2.2. Leveled substrate

The substrate must be leveled, smooth, compact, without friable or detachable parts before starting the installation of the wall panel, and must comply with a maximum unevenness of 2mm.

2.3. Curved surface

Flexi Stone Wall Panel is crafted from stone powder, allowing installation on curved surfaces. However, please ensure the surface diameter is at least 24 inches.

2.4. Environmental Conditions

The installation area should be within a temperature range of 5°C to 30°C (41°F to 86°F). Extreme temperatures can affect the adhesive's performance and the panels' adhesion to the surface.

The relative humidity should be between 40% and 70%. Excessive humidity can hinder the bonding process, while low humidity may cause materials to dry too quickly.

Ensure the area is well-ventilated. Proper airflow will help prevent moisture buildup and ensure proper curing of adhesives or sealants used during installation.

3. SPECIFICATIONS OF INSTALLATION

3.1. General

Before beginning installation, ensure that the wall meets the required conditions for humidity and planarity. It is essential that the factors outlined above have been thoroughly checked and addressed.

Specific installation tools such as tape measure, pencil, square, circular saw, adhesive, pneumatic nail gun, level, etc. are to be used. (Figure 1)

3.2. Seamless design

Flexi Stone Wall Panels are designed with an interlocking, seamless system that ensures precise alignment. The panels are engineered to fit securely together without the need for joint spacing between adjacent pieces.

3.3. Cutting

For cutting the panels in the place of installation, the best tool is a circular saw with a 1mm thick diamond blade or aluminium-cutting blade.

3.4. Fixing

There are two methods for securing the Flexi Stone Wall Panels to the substrate:

Pneumatic Nail Gun:

Position the wall panel on the substrate and secure it using a pneumatic nail gun. A total of 6-8 nails per panel are recommended for optimal fixation. (Figure 2)

Adhesive Bonding:

Apply a suitable adhesive (e.g., silicone adhesive or MS polymer) in uniform points, spaced approximately 2 inches apart. Once the adhesive is applied, press the panel firmly onto the substrate to ensure full adhesive contact. When applying the adhesive, maintain a 1 inch perimeter around the edges of the panel to prevent adhesive overflow when the panel is pressed into place. (Figure 3)

If necessary, apply double-sided adhesive to the backside of the panels to assist with positioning. (Figure 4)

4. CLEANING AND MAINTENANCE

For routine cleaning, a dry mop, duster, or vacuum cleaner is typically sufficient. If needed, a slightly damp cloth can be used for wet cleaning at any time.

Avoid using masking tape or similar adhesives on the surface, as the solvents in these materials may damage the finish.

Do not use steam cleaners, as the pressure from water vapor can penetrate the material and cause significant damage.

Minimize prolonged exposure to water. Always keep surfaces dry, and promptly wipe away any spills. Ensure water does not seep through wall panels, joints, or cutouts. In the event of accidental spillage, wipe the panel dry immediately.

Avoid impact with hard objects, as this may cause surface damage.

Never use harsh cleaning tools or products, such as sharp objects, abrasive scouring pads, solvents, bleaches, nail polish removers, vinegar, citric acid, abrasive cleaners, or polishes, as they can damage the surface.