

## **JetBoard Interior Installation Guidelines**

### **IMPORTANT:**

JetBoard is a square edged (non-tapered) product and is not intended for use as an interior sheathing or drywall substitute. Jet Products will not warrant against joint cracking or failure of joint compounds. All building materials expand and contract at different rates and are influenced by conditions such as temperature, ambient humidity, and material moisture content. The expansion and contraction of JetBoard is minimal; however, the differing expansion and contraction rates of other building materials such as wooden studs or metal tracks and studs cannot be predicted and should be managed with appropriate control joints. The location and detailing of control joints is the responsibility of the design professional. The proper use of control joints will accommodate stresses within and placed upon the substrate to minimize the chances for development of cracks and joint ridges.

Although Jet Products does not recommend the use of JetBoard as an interior sheathing or drywall substitute, these installation guidelines are provided based on the experience and best practices of our customers. You should tailor these guidelines based on your individual project and construction method should you choose to use JetBoard as an interior sheathing or drywall substitute.

## **Interior Walls, Ceilings & Floors**

### **1. Purpose:**

- 1.1. The purpose of this document is to provide a general guideline for the installation of JetBoard specifically for use as interior walls and ceilings.

### **2. Responsibility:**

- 2.1. If defects/problems are apparent, notify the owner, general contractor, project manager or client prior to the installation of JetBoard.
- 2.2. It is the responsibility of the installer to ensure that the framing to which the JetBoard will be fastened is constructed in compliance with the local building code (except as noted in section 3.3 below) and adequate to provide the finished appearance specified or required by the owner, general contractor, project manager or client.
- 2.3. Use a minimum of 2x4 wood studs or 20-gauge metal studs which must be straight, properly aligned, and spaced a maximum of 16" on center.

### **3. Material Requirements:**

- 3.1. Always store JetBoard horizontally and flat and protected from weather and job site dirt before, during, and after installation.
- 3.2. Always pay particular attention to the protection of JetBoard corners and edges.
- 3.3. Do not stack other building materials on top of JetBoard.

#### **4. Cutting Procedure:**

- 4.1. Always practice proper workplace safety and observe appropriate eye, ear, hand, and respiratory protection practices.
- 4.2. JetBoard can be easily scored and snapped using a carbide tipped scoring knife.
- 4.3. JetBoard can be easily cut using a power circular saw equipped with a carbide tipped blade. A thinner blade with a higher tooth count provides for a cleaner and straighter cut.
- 4.4. Always make rounded, circular and/or irregular cuts with the appropriate cutting tool, such as a jigsaw, RotoZip, keyhole or saber saw. Ensure all of the above saws are equipped and fitted with a carbide tipped bit or blade.

#### **5. Installation of JetBoard:**

- 5.1. Sheets may be installed vertically or horizontally and with either the smooth or rough side of the board facing away from the stud
- 5.2. Score and snap sheets to required sizes and make necessary cutouts as described in Section 5.4.
- 5.3. Fasten each board into place either pneumatically or with screws, maintaining 1/8" spacing between panels.
- 5.4. Fasteners should be no less than 3/8" from the edge of the panel and 2" from corners.
- 5.5. Fasteners should be countersunk just below the surface of the panel, but no more than .5mm (about the thickness of a fingernail).
- 5.6. Coated cement screws or hot dipped nails may be used.

#### **6. Finishing JetBoard - Wall or Ceiling Primers, tapes, and joint compounds:**

- 6.1. JetBoard is a square edged (non-tapered) product and is not intended for use as an interior sheathing or drywall substitute. If using as an interior sheathing or drywall substitute, the edges should be tapered by using a belt sander or a cement crack chaser. Do not create a taper more than 1/32" deep.
- 6.2. Finish JetBoard using high quality joint tape and cementitious joint compound (see Section 6.3 below), together with standard wallboard finishing techniques. Always feather the joint compound on each side of the joint 4-6".
- 6.3. The following joint compounds have been used successfully: CTS RapidSet or "OnePass"; "WunderFixx"; USG "Durabond" or similar. **IMPORTANT:** Always follow the joint compound manufacturer's installation instructions.
- 6.4. Prior to priming, clean the boards by wiping down with a damp towel or sponge to remove any materials such as oil, paint, chalk, or dirt.
- 6.5. Prior to painting, JetBoard must be primed using a high quality masonry primer such as Sherwin Williams Loxon Concrete and Masonry Primer or Sherwin Williams Quick Dry Stain Blocking Primer to condition and seal the panel. **IMPORTANT:** Always follow the primer manufacturer's installation instructions.