CRANEBOARD
SOLID CORE SIDING

INSTALLATION

IMPORTANT NOTES:

Weather Protective Barriers

When considering the use of house wrap behind siding products, Crane Performance Siding recommends first and foremost, that installers review local building code requirements. Keep in mind that additional measures may provide better protection against water intrusion than the minimum requirements of the building code.
Though Crane Performance Siding does not require the use of house wrap behind CraneBoard, it is important to note that, CraneBoard is designed as an exterior cladding, not a weather resistant barrier. It is designed to allow the material underneath it to breath; therefore, it is not a watertight covering. It is recommended by Crane Performance Siding that a weather- resistant barrier integrated with code-compliant flashing, be applied prior to the CraneBoard siding installation.

Storage and transportation

When transporting CraneBoard to a job site, make certain to keep the cartons flat and supported along their entire length. At the job site, take the following precautions when storing the product:

- Store the cartons on a flat surface and support the entire length of the cartons.
- Keep the cartons dry.
- Do not store the cartons in stacks more than 8 cartons high.
- Do not store the cartons in any location where temperatures may exceed 130º F (e.g., on blacktop pavement during unusually hot weather or under dark tarps or plastic wraps without air circulation).

Tools and Equipment

- Hammer
- Tape Measure
- Chalkline
- Circular Saw (paneling blade reversed)
- Snips
- Square
- Utility Knife
- Pencil
- Level
- Nail Slot Punch
- Snap Lock Punch
- Safety Glasses

Tools, such as saber saws, rotary tools, etc. may also be useful when cutting panels to fit around obstacles.

Fastener Choices

When choosing a fastener for CraneBoard Siding products, Crane Performance Siding recommends that first, you check with local building code officials for possible requirements. In lieu of special code requirements, Crane Performance Siding recommends the following;

Nails:

- Nails should be a minimum of 2 ½" in length and able to penetrate not less than ¾" into framing or furring.
- Nail is to be made of galvanized steel or other corrosion resistant material and should have a head of at least 5/16" in diameter and a shank of 1/8".

Screws:

- Screws must not inhibit the expansion and contraction of the panel(s). Screws should be able to penetrate not less than ¾" into framing or furring and should be:
    - Size #8, truss head or pan head.
    - Corrosion-resistant, self-tapping sheet metal type.

Staples:

- Staples must not inhibit the expansion and contraction of the panel(s) and must be:
    - not less than 16 gauge semi-flattened to an elliptical cross- section.
    - a minimum of 7/16" crown, 1 ¾" in length and able to penetrate not less than ¾" into framing or furring.

Wall Preparation

New Construction

- CraneBoard must be installed over rigid sheathing. Consult local building codes for specific sheathing requirements. CraneBoard should never be applied directly to studs without sheathing.

Residing

- CraneBoard is designed to be installed directly over existing siding without the need for additional wall leveling underlayments providing the existing siding is not extremely uneven such as split cedar shake siding. In these situations, it is advisable to first remove the existing siding before installing CraneBoard. Note that CraneBoard must not be applied directly to studs without rigid sheathing. If, after removing the existing siding, there is no sheathing, sheathing must be applied. Consult local building codes for specific sheathing requirements.

- It is important to nail down loose boards of existing siding, and replace any rotten ones.

- Scrape off loose caulk and re-caulk around doors, windows and other areas to resist moisture penetration.

Masonry Walls

- Apply minimum 1”X3” furring strips vertically at 12” to 16”.
- Furring should be installed along all trim areas such as windows, doors under overhangs, corners, etc., well as along the bottom of the walls.
- To achieve the most solid feel possible, fill the areas between the furring strips with foam board.

Flashing

A weather resistant material should be applied around windows, doors, inside and outside corners and the intersection of walls and roofing before the installation of CraneBoard.