

Installation Guidelines

GMCraft Weather Resistive Barrier

Applies to all grades of GMCraft®

GMC Roofing and Building Paper, Inc. offers this guide on how to install all grades of GMCraft® Weather Resistive Barrier (WRB). Correct installation is critical to ensure the best possible performance as a secondary weather barrier during and after construction is complete.

This guide covers:

1. Initial Installation of GMCraft®
2. Fastening of GMCraft®
3. Overlapping Seams of GMCraft®
4. Penetrations of GMCraft®
5. Inspection of GMCraft®

The following guide is presented to assist the installer in complying with the applicable code(s), including the UBC, IRC, and IBC. Failure to follow these instructions and/or comply with the code(s) may result in compromising the performance of the weather resistive barrier. This guide applies to the following GMC products:

- GMCraft 10° (single or double layers)
- GMCraft 30° minute (single or double layers)
- GMCraft 60° minute (single or double layers)
- GMCraft® (any combination of two layers)

Initial Installation of GMCraft®

GMCraft® can be installed directly over open framing or over code approved sheathing (OSB, etc). To install, start at the bottom of wall, towards a corner, overlap the corner by at least 6" and unroll GMCraft® horizontally and evenly. (Note: Providing a relatively flat surface and minimizing wrinkles or bumps in the paper is beneficial to achieve uniform thickness of stucco). Unroll GMCraft® along the entirety of the wall including over corners, vent holes, doorways and windows. Attach the WRB with fasteners as you unroll to hold the WRB into place. Once GMCraft® is in place, return to fasten the WRB more thoroughly.

Fastening of GMCraft®

GMCraft® shall be attached in a manner to ensure that it remains in place until the lath or cladding are installed. The most common practice is to use small staples to temporarily install the paper. Excessive "bagging" of the weather barrier should be avoided.

Selection of the approved fasteners, as well as the number and pattern, shall fall upon the builder, architect or responsible party on the jobsite and shall comply with the code(s) in effect.

Overlapping Seams of GMCraft®

When overlapping GMCraft® on vertical seams, such as would be found at the end of a roll, overlap end piece with start piece by 6". When going over corners, make certain that GMCraft® is securely fastened. Any overlapping row of GMCraft® should be covering the lower row by a minimum of 2". Greater overlaps are acceptable.

Penetrations of GMCraft®

Whenever GMCraft® crosses over any window, doorway, vent, or where there is any break in the plane of GMCraft®, it needs to be properly integrated into the break. This is done by tucking GMCraft® into the object and applying flashing to the WRB and the object that caused the break.

Inspection of GMCraft®

Weather barriers are designed to be covered as soon as possible after installation. Covering the paper within four weeks after installation is recommended (although GMCraft® can tolerate longer exposures under many circumstances). Whenever the exposure exceeds four weeks, it is recommended that the product be carefully evaluated by the builder, architect, or responsible party on the jobsite to determine whether the integrity of the paper has been compromised. The WRB should only be covered when it has been determined to be capable of performing its desired function. In all circumstances a final inspection should be made to ensure that the GMCraft® is free from rips, tears or other penetrations that would allow the passage of moisture into a wall cavity. Any defect discovered should be repaired with products that are compatible with asphalt saturated building paper.