



Master Wall Inc.®
Building a Culture of Excellence

LiMa C105 LIGHT MASONRY WALL SYSTEM

The LiMa C105 thin brick and stone system is an economical, lightweight wall cladding applied directly to concrete or masonry surfaces.

The UltraBond adhesive has class leading slump resistance and cures quickly to quickly get your wall system in service.

CIFS® Brick Mortar is available in four colors and mixes easily.

Features & Benefits

- 5-year limited warranty
- UltraBond adheres strongly to the substrate with high adhesion and low slump properties
- Quality products with great durability



1. Concrete or Masonry surface (by others)
2. UltraBond Adhesive
3. Thin Brick or Stone (by others)
4. Mortar (by others)

Short Form Specification

1.0 General

This is a specification for the application of a Master Wall® Light Masonry (LiMa) application over clean and prepared surfaces of concrete or masonry.

1.1 System Description

The Master Wall® LiMa C105 is a light masonry stone or thin brick application over concrete or masonry. It is applied with UltraBond as the adhesive for ICC-ES AC51 compliant stone or thin brick.

1.2 Design Requirements:

- A. Reference Master Wall® suggested details and architectural drawings for specific detail requirements.
- B. Slope all surfaces a minimum of 1:2 (6" in 12") to shed water, maximum 12" (305 mm) wide.
- C. Maximum deflection of substrates shall not exceed L/360
- D. Typical acceptable substrates include unpainted, cured, clean and dry surfaces of concrete and masonry.
- E. Expansion joints are required in the cladding at building expansion joints, panel joints and other areas where significant movement occurs.

1.3 Job Conditions

- A. Store all materials protected from weather and direct sunlight at temperatures above 40°F (5°C).
- B. The ambient and wall temperature shall be a minimum of 40°F (5°C) and shall remain so for at least 24 hours after installation.

1.4 Warranty

- A. Application shall include a 5-year limited warranty, please reference the LiMa Warranty Program Limited Warranty.

2.0 Products

All components of the LiMa application shall be manufactured by Master Wall® and supplied by an authorized distributor.

- 2.1 Master Wall® Stone/Thin Brick Adhesive: UltraBond: A ready to use dry base adhesive that is field mixed with water.

3.0 Installation

- 3.1 Inspect the substrate to ensure that it is free of all foreign materials that would affect application of the weather resistive barrier.
- 3.2 Adhere ICC-ES AC51-compliant stone or thin brick using UltraBond, mixed following data sheet instructions. Allow to cure before proceeding with mortar application.
- 3.3 Mortar with approved mortar, mixed with water following data sheet instructions. Place in joints using a grout bag or similar device and rake/tool when thumb print hard.
- 3.4 Allow the wall system to cure and protect from weather for at least 72 hours before placing in service.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. ©2025 Master Wall Inc.®

