Mineral Wool Insulation Board—High Density

Insulate your Master Wall® stucco project with mineral wool insulation board. High density mineral wool is noncombustible and highly vapor permeable. It can improve the energy efficiency and fire resistance in buildings.

**Features & Benefits**
- Continuous Insulation for Wall Assemblies
- Improves radiant heat resistance
- Reduces air movement in wall
- Controls dew point / moisture condensation in wall
- Long lasting, strong stable
- Highly Vapor Permeable

**Packaging/Shelf Life/Storage**
Varies by manufacturer. See manufacturer’s data. Maximum 2” (51 mm) thickness necessary for Master Wall® Stucco Systems.

**Technical Data**
- Density, ASTM C303: 11 lbs/ft³ (176 kg/m³)
- R-Value (U-Value) at 75°F (9°C): 4.0 (0.25)
- Compressive strength, min., 584psf (28kPa) @ 10% compression
- Water Vapor Permeance of 1.00 in (25.2 mm) thickness, max., perm (ng/Pa.s.m²): 35.0 (2160)
- Water absorption by total immersion, max., volume, %: 1.2
- Flame spread: 0
- Smoke development: 0

For a full listing of approved manufacturers please reference the insulation board page at masterwall.com

**Application Procedure**
- **Temporary Protection** – Provide temporary and permanent protection to prevent water entry behind the system.
- **Substrate Preparation** – Applications must be to an approved substrate with a maximum variation tolerance of 1/4” in 10’-0” (6.4 mm in 3.05m). Contact Master Wall for approved substrates and recommended attachment methods.

**Application**
The Insulation Board can be easily cut using handsaws, power saws, sharp knives, or thermal cutting tools.

Install insulation tightly in accordance with Master Wall Inc.® and manufacturer recommendations in a running bond pattern, interlock inside and outside corners.

Fasten insulation boards in place using approved fastening method in the center of the board at framing locations. In general attach the insulation board to the framing members at the center of the board using approved fasteners and support plates such as Wind-Lock Lath Lock or ULP 302, Demand DP300, Buildex Gridmate or Master Wall® approved equal.

Provide closure where insulation board is exposed at grade. Reference Plastic Accessories data sheet or use metal closure where fire resistance is needed.