

## Diamond Security Lath (for Plaster)

### A heavy-gauge lath for enhanced protection from breach

Diamond Security Lath is an expanded steel base used for interior and exterior plaster and stucco reinforcement for secured applications where advanced breach protection is required.

Expanded metal lath is formed from heavy gauge sheet steel that has been slit and expanded to form hundreds of "keys" per square yard. It is proven to possess exceptional strength and sacrificing penetration resistance, making it the preferred metal base in applications for hard coat stucco in jails, detention centers, correctional facilities, homeland security, etc.

Sold by the sheet. Contact ClarkDietrich for pricing and availability.

ClarkDietrich recommends that the ceiling "float" without being attached to the mechanical framing because of the stiffness and strength of the Security Lath. Consult with our Technical and Engineering Services Departments for use and design criteria.

### Product Data & Ordering Information:

**Material:** G60 Hot-Dipped Galvanized Steel Sheet

**Packaged:** Sheets stacked individually on pallet

| Product name | Gauge | Sheet Size | Diamond Width | Wt./Sq. Ft. |
|--------------|-------|------------|---------------|-------------|
| CDBS-SL      | 16ga  | 27" x 97"  | Approx. 0.5"  | 0.85685     |

### Code Approvals & Performance Standards

- [ASTM C841](#) Standard Specification for Installation of Interior Lathing and Furring
- [ASTM C847](#) Standard Specification for Metal Lath
- [ASTM C1063](#) Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster
- [ASTM F1267](#) Standard Specification for Metal, Expanded, Steel
- [SDS For ASTM A653 Steel Finishing Products](#) For Interior Finishing and Exterior Finishing
- [SDS Barrier Mesh](#) Carbon Steel Mesh

**Sustainability Credits** For more details and LEED letters contact Technical Services at 888-437-3244 or visit [clarkdietrich.com/LEED](http://clarkdietrich.com/LEED).

- **LEED v4.1 MR Credit:** Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
- **LEED v4 MR Credit:** Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).

### Storage:

All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform and protected from the weather and surface contamination per ASTM C1063. Make sure edges are protected.

### Limitations:

Galvanized steel products should not be used with magnesium oxychloride cement stucco or Portland cement stucco containing calcium chloride additives. Follow control joint and expansion joint recommendations outlined in ASTM C1063, section 7.11.4.

