

## **Galvanized Steel Expanded Metal Lath**

Project Submittals as manufactured by  
ALABAMA METAL INDUSTRIES CORPORATION

Submittal Date:

Contract Number:

Project Name:

Section Number:

Name of Contractor:

LEED:

Credit 4.1 & 4.2 – Recycled Content

Credit 5.1 & 5.2 – Regional Materials (potentially available)

ICC-ESR 2247

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All information contained herein is accurate as known at the time of publication. Specifications may change and AMICO reserves the right to change product specifications without notice and without incurring obligations.

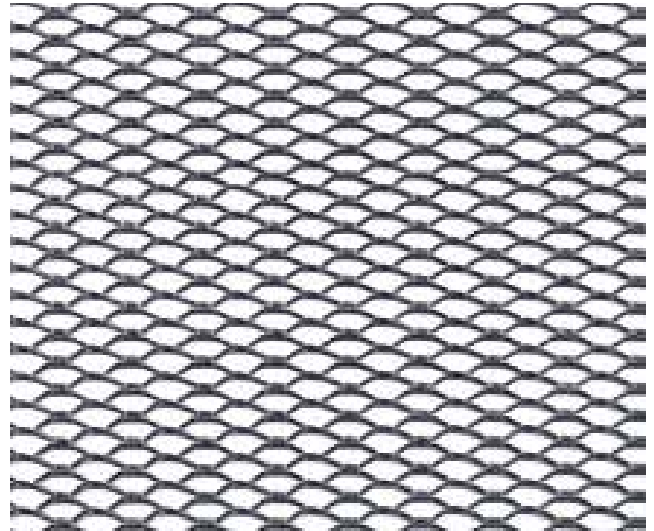
### **ALABAMA METAL INDUSTRIES CORPORATION**

3245 Fayette Avenue ♦ Birmingham, AL 35208 ♦ Telephone 800/366-2642 ♦ Facsimile 205/786-6527

April 2010



## Flat Diamond Expanded Metal Lath 2.5 lbs / sqyd Galvanized Steel meeting ASTM C847



### SCOPE

This submittal covers carbon steel hot dip galvanized G-60 finish expanded metal flat diamond lath without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Diamond mesh expanded metal lath:  $\frac{1}{8}$  inch

Nominal sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Flat Diamond Expanded Metal Lath weighing 2.5 lbs/yd<sup>2</sup>

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized G-60 steel sheet that is further processed forming the diamond shaped pattern.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

ICC-ESR 2247

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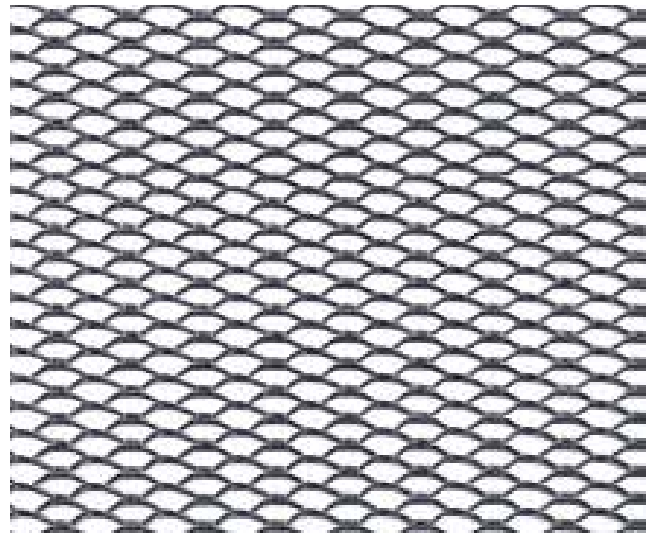
### ALABAMA METAL INDUSTRIES CORPORATION

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April 2010



## Flat Diamond Expanded Metal Lath 3.4 lbs / sqyd Galvanized Steel meeting ASTM C847



### SCOPE

This submittal covers carbon steel hot dip galvanized G-60 finish expanded metal flat diamond lath without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Diamond mesh expanded metal lath:  $\frac{1}{8}$  inch

Nominal sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Flat Diamond Expanded Metal Lath weighing 3.4 lbs/yd<sup>2</sup>

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized G-60 steel sheet that is further processed forming the diamond shaped pattern.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

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## Flat Diamond Expanded Metal Lath 1.75 lbs / sqyd

Galvanized Steel  
without paper backing

### SCOPE

This submittal covers carbon steel hot dip galvanized G-60 finish expanded metal flat diamond lath without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS AS PRODUCED BY AMICO.

1.75 LB./SY LATH IS NOT DEFINED IN ASTM C847

Minimum thickness of expanded metal lath

1. Diamond mesh expanded metal lath:  $\frac{1}{8}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

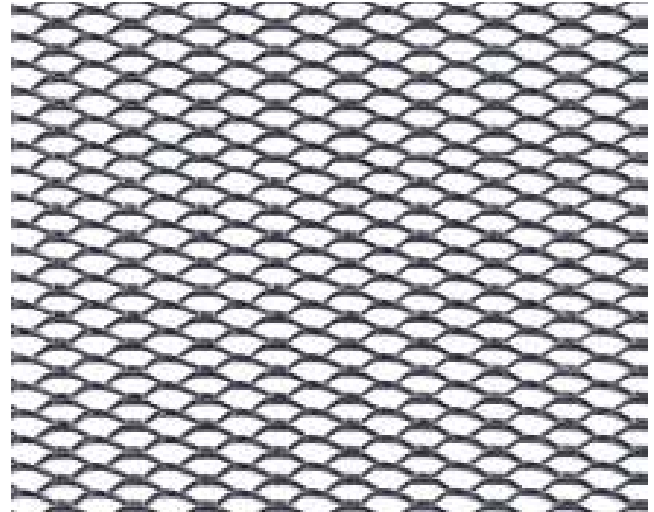
Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup> Flat Diamond  
Expanded Metal Lath weighing 1.75 lbs/yd<sup>2</sup>

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized G-60 steel sheet that is further processed forming the diamond shaped pattern.



### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath (TOLERANCES ONLY)

ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

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### ALABAMA METAL INDUSTRIES CORPORATION

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April 2010



## Dimpled Self-Furred Expanded Metal Lath

**1.75 lbs / sqyd**

**without paper backing meeting ASTM C847.**

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal dimple style self-furred diamond lath without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### Self-Furring Mechanism

1. Offset round dimples 4 inches on center

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS AS PRODUCED BY AMICO.

1.75 LB./SY LATH IS NOT DEFINED IN ASTM C847

### Minimum thickness of expanded metal lath

1. Diamond mesh expanded metal lath:  $\frac{1}{8}$  inch

### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

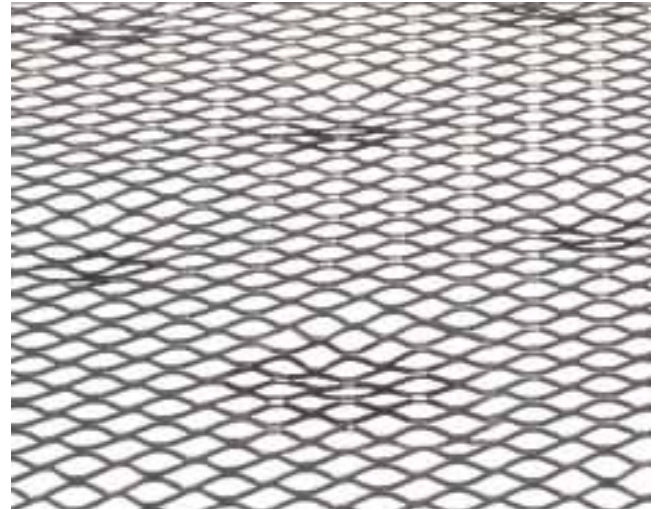
Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup> Self-Furred  
Dimpled Expanded Metal Lath weighing 1.75 lbs/yd<sup>2</sup>

### Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath (For Tolerances Only)

ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster.

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

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## V-Groove Self-Furred Expanded Metal Lath

**1.75 lbs / sqyd**  
without paper backing

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal V-groove style diamond lath without paper backing and designed to be used as a base for gypsum or

### Self-Furring Mechanism

1. V-Grooves are embossed and spaced 6" on center the full length of the sheet of lath.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS AS PRODUCED BY AMICO.

1.75 LB./SY LATH IS NOT DEFINED IN ASTM C847

### Minimum thickness of expanded metal lath

1. Diamond expanded metal lath:  $\frac{1}{8}$  inch

### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

### Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

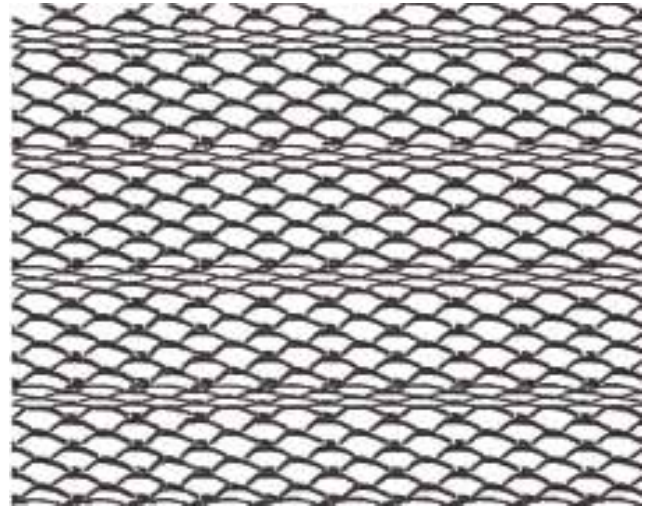
V-Grooved Self-Furred Expanded Metal Lath weighing 1.75 lbs/yd<sup>2</sup>

### Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath (For Tolerances Only)

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

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## TILATH FLAT EXPANDED METAL 1.75 lbs / sq yd LATH WITH GRADE D, STYLE 2, FACTORY APPLIED ASPHALT SATURATED PAPER

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath with paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS AS PRODUCED BY AMICO.

1.75 LB./SY LATH IS NOT DEFINED IN ASTM C847

Minimum thickness of expanded metal lath

1. Diamond expanded metal lath:  $\frac{1}{8}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Tilath Flat Expanded Metal Lath weighing 1.75 lbs/yd<sup>2</sup>

The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.sheet.

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided. AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTMA653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process  
Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2

Meets Buy American Procurement Requirements.

Made in the United States of America

ICC-ESR 2247

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April 2010



## TILATH PAPER BACKED DIMPLED SELF-FURRED LATH 1.75 lbs / sqyd WITH GRADE D, STYLE 2, ASPHALT SATURATED PAPER IS FACTORY APPLIED

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath and self-furred lath, with or without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS AS PRODUCED BY AMICO.

1.75 LB./SY LATH IS NOT DEFINED IN ASTM C847

#### Self-Furring Mechanism

1. Offset round dimples 4 inches on center

#### Minimum thickness of expanded metal lath

2. Self-furred expanded metal lath:  $\frac{5}{16}$  inch

#### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

#### Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Tilath Paper Backed and Dimpled Expanded Metal Lath weighing 1.75 lbs/yd<sup>2</sup>

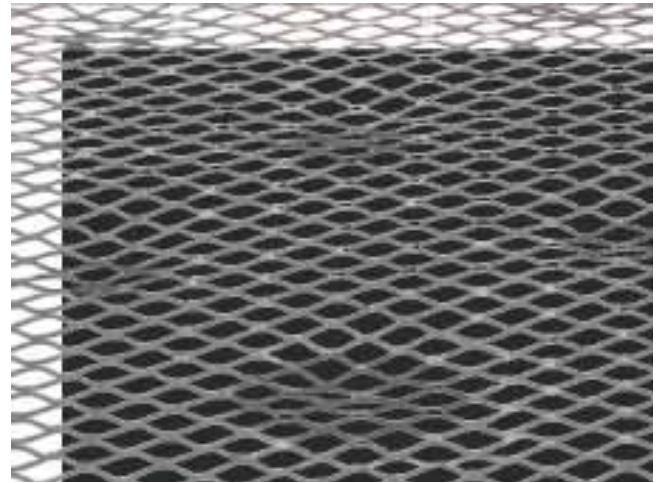
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

#### Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.  
AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS  
ASTM C847 - Standard Specification for Expanded Metal Lath  
ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process  
Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2  
Meets Buy American Procurement Requirements.  
Made in the United States of America

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April 2010





## Dimpled Self-Furred Expanded Metal Lath

**2.5 lbs / sqyd**

without paper backing meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal dimple style self-furred diamond lath without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

#### Self-Furring Mechanism

1. Offset round dimples 4 inches on center

#### Minimum thickness of expanded metal lath

1. Diamond mesh expanded metal lath:  $\frac{1}{8}$  inch

#### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

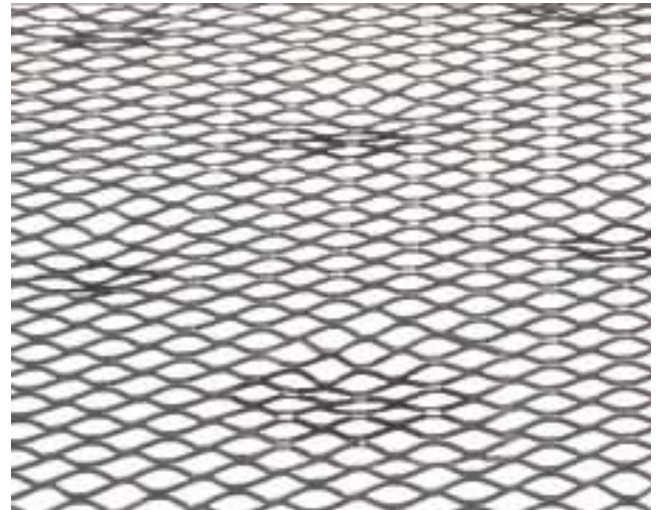
#### Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup> Dimpled Self-Furred Expanded Metal Lath weighing 2.5 lbs/yd<sup>2</sup>

#### Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.

Made in the United States of America

ICC-ESR 2247

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April 2010



## Dimpled Self-Furred Expanded Metal Lath

### 3.4 lbs / sqyd

without paper backing meeting ASTM C847.

#### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal dimple style self-furred diamond lath without paper backing and designed to be used as a base for gypsum or portland cement plaster.

#### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

##### Self-Furring Mechanism

1. Offset round dimples 4 inches on center

##### Minimum thickness of expanded metal lath

1. Diamond mesh expanded metal lath:  $\frac{1}{8}$  inch

##### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

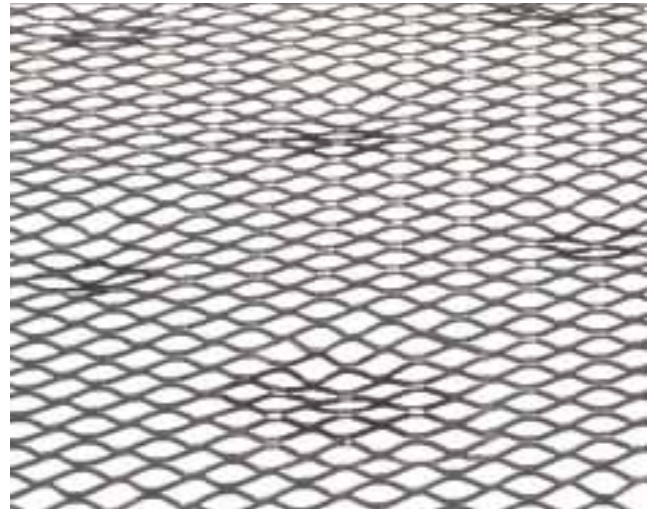
Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>  
Dimpled Self-Furred Expanded Metal Lath  
weighing 3.4 lbs/yd<sup>2</sup>

##### Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

#### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



#### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

#### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

#### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

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#### ALABAMA METAL INDUSTRIES CORPORATION

3245 Fayette Avenue ♦ Birmingham, AL 35208 ♦ Telephone 800/366-2642 ♦ Facsimile 205/786-6527

April 2010



## V-Groove Self-Furred Expanded Metal Lath

**2.5 lbs / sqyd**

without paper backing meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal V-groove style diamond lath without paper backing and designed to be used as a base for gypsum

DIMENSIONS, WEIGHTS AND  
PERMISSIBLE VARIATIONS Per ASTM C847

### Self-Furring Mechanism

1. V-Grooves are embossed and spaced 6" on center the full length of the sheet of lath.

### Minimum thickness of expanded metal lath

1. V-Grooved Self Furring metal lath: 1/8 inch

### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

### Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

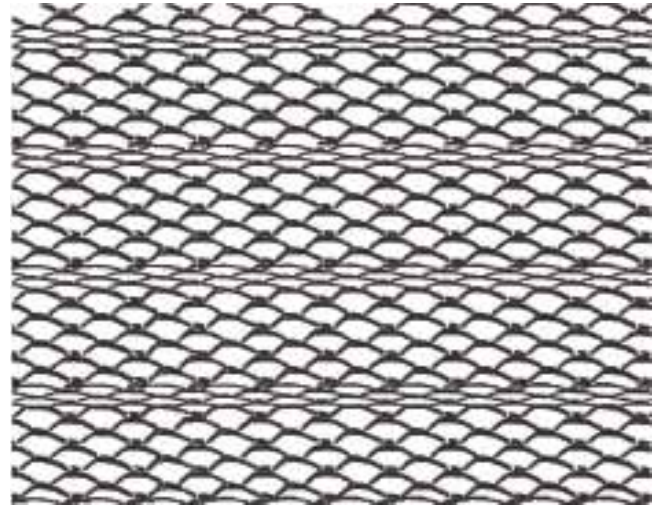
V-Grooved Self-Furred Expanded Metal Lath  
weighing 2.5 lbs/yd<sup>2</sup>

### Permissible Variations - inches

1. Thickness: ± 1/64 inch
2. Width: ± 3/16 inch
3. Length: -0 +1 inch
4. Weight: ± 10%

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded  
Metal Lath

ASTM A653 - Standard Specification for Steel Sheet,  
Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

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April 2010



## V-Groove Self-Furred Expanded Metal Lath

### 3.4 lbs / sqyd

without paper backing meeting ASTM C847.

#### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal V-groove style diamond lath without paper backing and designed to be used as a base for gypsum

#### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

##### Self-Furring Mechanism

1. V-Grooves are embossed and spaced 6" on center the full length of the sheet of lath.

##### Minimum thickness of expanded metal lath

1. V-Grooved Self Furring metal lath: 1/8 inch

##### Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

##### Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

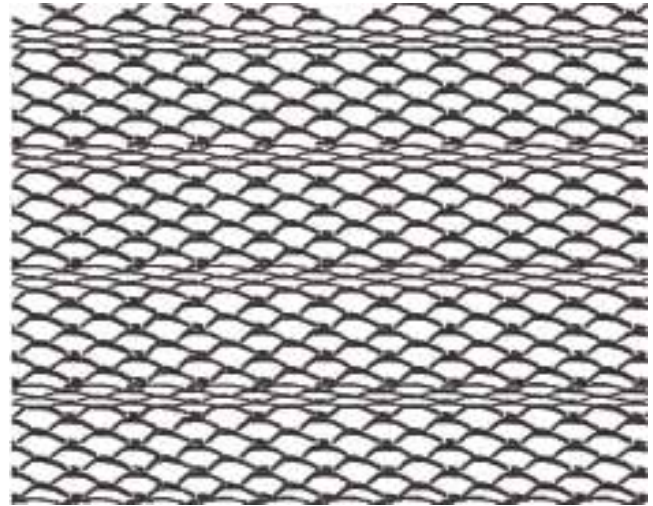
V-Grooved Self-Furred Expanded Metal Lath weighing 3.4 lbs/yd<sup>2</sup>

##### Permissible Variations - inches

1. Thickness: ± 1/64 inch
2. Width: ± 3/16 inch
3. Length: -0 +1 inch
4. Weight: ± 10%

#### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



#### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

#### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

#### AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Meets Buy American Procurement Requirements.  
Made in the United States of America

ICC-ESR 2247

All information contained herein is accurate as known at the time of publication. Specifications may change and AMICO reserves the right to change product specifications without notice and without incurring obligations.

#### ALABAMA METAL INDUSTRIES CORPORATION

3245 Fayette Avenue ♦ Birmingham, AL 35208 ♦ Telephone 800/366-2642 ♦ Facsimile 205/786-6527

April 2010



## TILATH FLAT EXPANDED METAL 2.5 lbs / sq yd LATH WITH GRADE D, STYLE 2, FACTORY APPLIED ASPHALT SATURATED PAPER meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath with paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Diamond expanded metal lath:  $\frac{1}{8}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Tilath Flat Expanded Metal Lath weighing 2.5 lbs/yd<sup>2</sup>

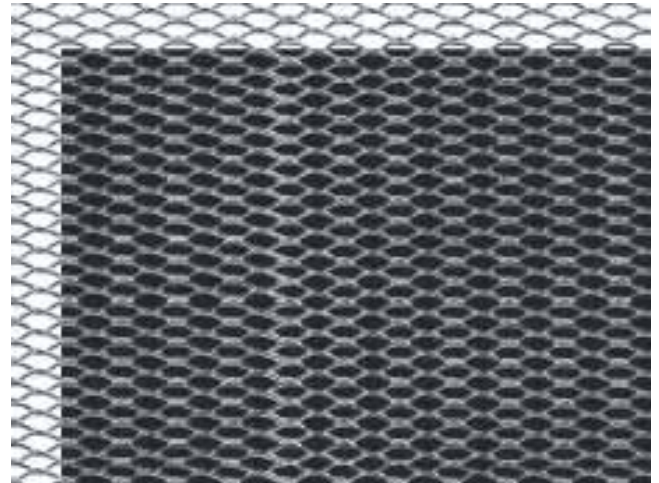
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided. AMICO LATH AND STUCCO ACCESSORIES MEETS THE FOLLOWING SPECIFICATIONS  
ASTM C847 - Standard Specification for Expanded Metal Lath  
ASTMA653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process  
Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2  
Meets Buy American Procurement Requirements.  
Made in the United States of America

ICC-ESR 2247

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## **TILATH FLAT EXPANDED METAL 3.4 lbs / sq yd LATH WITH GRADE D, STYLE 2, FACTORY APPLIED ASPHALT SATURATED PAPER** meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath with paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Diamond expanded metal lath:  $\frac{1}{8}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Tilath Flat Expanded Metal Lath weighing 3.4 lbs/yd<sup>2</sup>

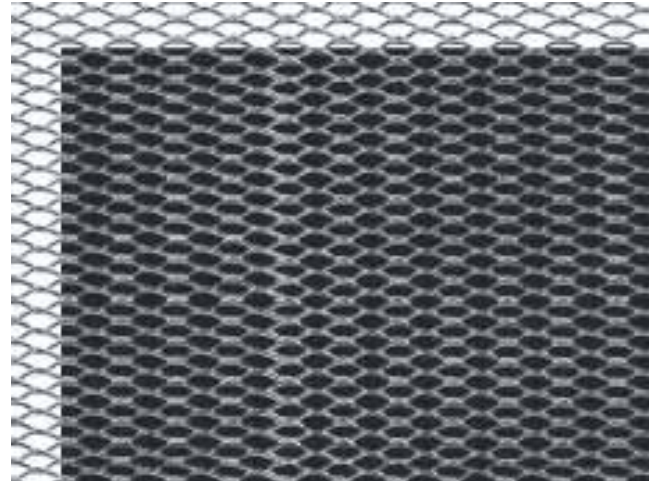
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.sheet.

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

**AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS**

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTMA653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2

Meets Buy American Procurement Requirements.

Made in the United States of America

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## TILATH PAPER BACKED DIMPLED SELF-FURRED LATH 2.5 lbs / sqyd

**WITH GRADE D, STYLE 2, ASPHALT SATURATED  
PAPER IS FACTORY APPLIED  
meeting ASTM C847.**

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath and self-furred lath, with or without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Self-furred expanded metal lath:  $\frac{5}{16}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup> Tilath Paper Backed and Dimpled Expanded Metal Lath weighing 2.5 lbs/yd<sup>2</sup>

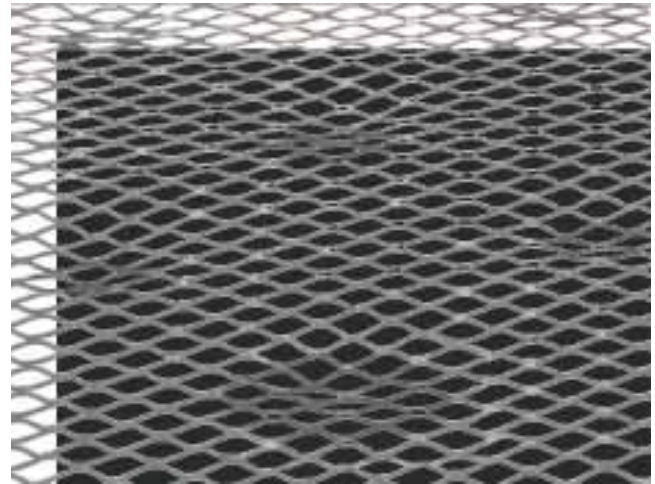
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

Permissible Variations - inches

1. Thickness:  $\pm \frac{1}{64}$  inch
2. Width:  $\pm \frac{3}{16}$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

**AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS**

ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process

Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2

Meets Buy American Procurement Requirements.

Made in the United States of America

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## TILATH PAPER BACKED DIMPLED SELF-FURRED LATH 3.4 lbs / sqyd

**WITH GRADE D, STYLE 2, ASPHALT SATURATED  
PAPER IS FACTORY APPLIED  
meeting ASTM C847.**

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath and self-furred lath, with or without paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Self-furred expanded metal lath:  $\frac{5}{16}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>  
Tilath Paper Backed and Dimpled Expanded  
Metal Lath weighing 3.4 lbs/yd<sup>2</sup>

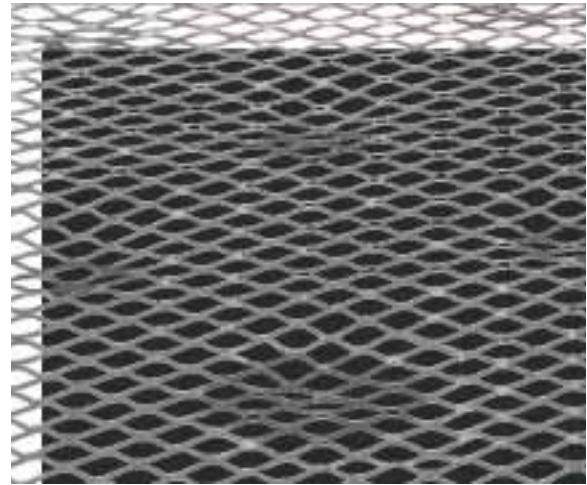
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.  
**AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS**  
ASTM C847 - Standard Specification for Expanded Metal Lath  
ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process  
Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2  
Meets Buy American Procurement Requirements.  
Made in the United States of America

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## TILATH PAPER BACKED V-GROOVED 2.5 lbs / sqyd SELF-FURRED EXPANDED METAL LATH

WITH GRADE D, STYLE 2, ASPHALT SATURATED  
PAPER IS FACTORY APPLIED  
meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond self-furred lath, with paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Self-furred expanded metal lath:  $\frac{5}{16}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Tilath Paper Backed and V-Grooved Expanded Metal  
Lath weighing 2.5 lbs/yd<sup>2</sup>

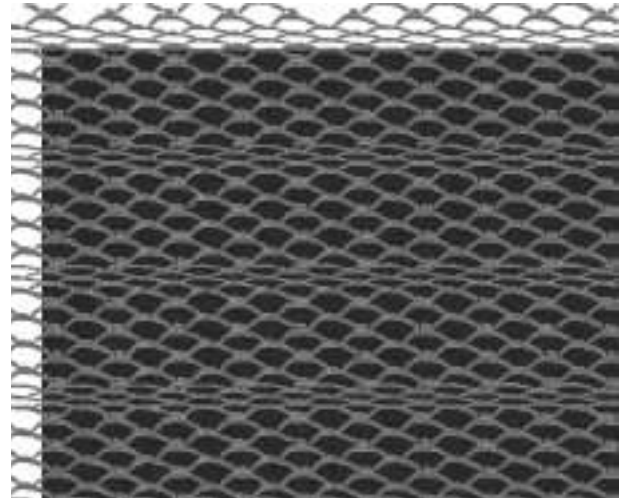
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded  
Metal Lath

ASTM A653 - Standard Specification for Steel Sheet,  
Zinc-Coated (Galvanized) by the hot-dip process

Federal Specification UU-B-790a - Moisture Resistant  
Building Papers, Type 1, Grade 2, Style 2

Meets Buy American Procurement Requirements.

Made in the United States of America

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## TILATH PAPER BACKED V-GROOVED 3.4 lbs / sqyd SELF-FURRED EXPANDED METAL LATH

WITH GRADE D, STYLE 2, ASPHALT SATURATED  
PAPER IS FACTORY APPLIED  
meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond self-furred lath, with paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Self-furred expanded metal lath:  $\frac{5}{16}$  inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weights of lath (for U.S.) - lbs/yd<sup>2</sup>

Tilath Paper Backed and V-Grooved Expanded Metal  
Lath weighing 3.4 lbs/yd<sup>2</sup>

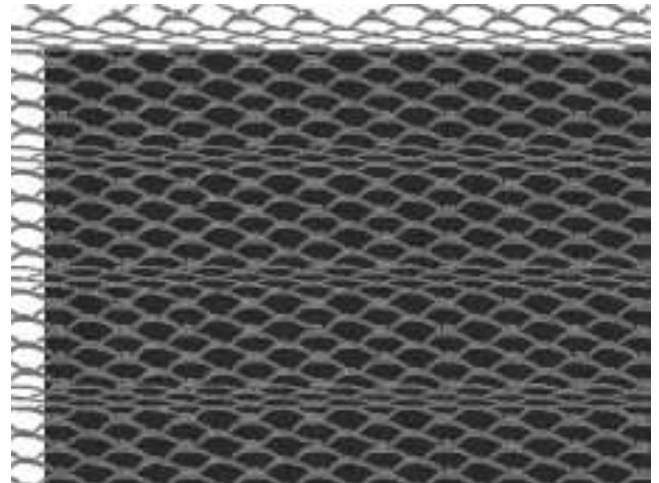
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

Permissible Variations - inches

1. Thickness:  $\pm 1/64$  inch
2. Width:  $\pm 3/16$  inch
3. Length: -0 +1 inch
4. Weight:  $\pm 10\%$

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS

ASTM C847 - Standard Specification for Expanded  
Metal Lath

ASTM A653 - Standard Specification for Steel Sheet,  
Zinc-Coated (Galvanized) by the hot-dip process

Federal Specification UU-B-790a - Moisture Resistant  
Building Papers, Type 1, Grade 2, Style 2

Meets Buy American Procurement Requirements.

Made in the United States of America

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## TILATH PAPER BACKED FLAT 1/8" RIB 2.75 lbs / sqyd EXPANDED METAL LATH

WITH GRADE D, STYLE 2, ASPHALT SATURATED  
PAPER IS FACTORY APPLIED  
meeting ASTM C847.

### SCOPE

This submittal covers carbon steel hot dip galvanized expanded metal diamond lath and self-furred lath, with paper backing and designed to be used as a base for gypsum or portland cement plaster.

### DIMENSIONS, WEIGHTS AND PERMISSIBLE VARIATIONS Per ASTM C847

Minimum thickness of expanded metal lath

1. Flat Rib expanded metal lath: 1/8 inch

Minimum sheet dimensions - inches

1. All styles - Length of Sheet: 97 inches (Minimum)
2. All styles - Width of Sheet: 27 inches (Minimum)

Nominal weight of lath (for U.S.) - lbs/yd

Tilath Paper Backed 1/8" Flat Rib Expanded Metal Lath  
weighing 2.75 lbs/yd<sup>2</sup>

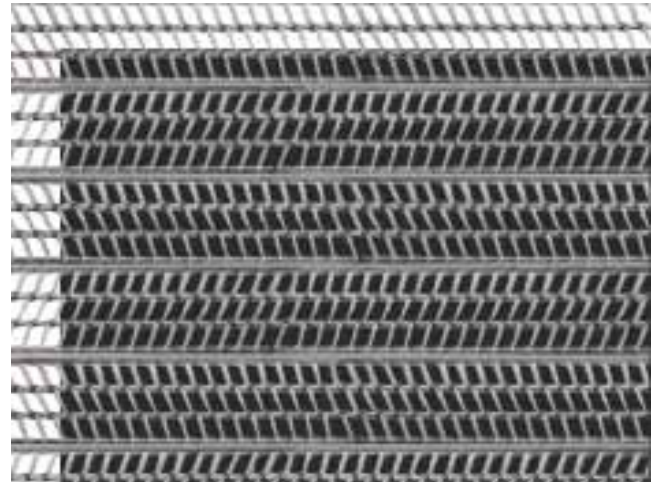
The weights listed above are only for the metal lath and do not take into consideration the weight of the moisture barrier paper backing if so specified. The weight of the paper adds to the overall weight of the sheet of lath.

Permissible Variations - inches

1. Thickness: ± 1/64 inch
2. Width: ± 3/16 inch
3. Length: -0 +1 inch
4. Weight: ± 10%

### FINISH

AMICO expanded metal lath is manufactured from hot dip galvanized steel sheet that is further processed forming the diamond shaped pattern.



### PAPER BACKING FOR LATH

The Grade D paper backing factory applied by the manufacturer provides one of the layers of moisture barrier required by codes and standards. AMICO paper meets ASTM C1063 and Federal Specification UU-B-790a.

### PACKAGING AND PACKAGE MARKING

Metal Lath is packaged 10 sheets per bundle and 25 bundles per pallet. Each factory pallet shall be marked with manufacturer's name, and style of lathing material, lath weight and country of origin.

### CERTIFICATION

When specified a certification that products meets the requirements of ASTM C847 shall be provided.

**AMICO LATH AND STUCCO ACCESSORIES  
MEETS THE FOLLOWING SPECIFICATIONS**  
ASTM C847 - Standard Specification for Expanded Metal Lath

ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the hot-dip process  
Federal Specification UU-B-790a - Moisture Resistant Building Papers, Type 1, Grade 2, Style 2

Meets Buy American Procurement Requirements.

Made in the United States of America

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