

## ALEXXA ROOFING PANELS SPECIFICATION DATA SHEET

### 1. PRODUCT NAME

Alexxa Roofing Panels™

### 2. MANUFACTURER

ecoMetals, Co.  
10 N Martingale Rd.  
Schaumburg, IL 60173  
Phone: (773) 599-3355  
info@ecometals.net  
www.ecometals.net

### 3. PRODUCT DESCRIPTION

*Basic Uses:* Alexxa Roofing Panels is a metal panels system imitating clay tiles which can be used for either residential or commercial roofs. Alexxa Roofing Panels may be used for new construction or re-roofing. The minimum recommended pitch is 3:12. Alexxa Roofing Panels may be applied directly over existing roofing material, without the need for tear-off, and disposal.

*Composition & Materials:* Standard Offerings: Panels are roll-formed from 26 gauge, SS Gr50 class 2, G90, XSM, NCT galvanized steel.

*Sizes and Profile:* Alexxa Roofing Panels are in the form of Spanish tile. Panels are 46 1/4" wide, including a 3" side lap. The length of the tile section is 13 3/4" and the width of the "wave" is 7 1/4". The height of the panel is 1 3/4". Panel lengths are cut to customer specification and range from 38" to 20' portable length.

*Colors & Finishes:* A choice of 16 colors is available in a KYNAR 500 or Weather XL finish. Alexxa Roofing Panels may be specified with gloss or matte finish. Custom colors are available for quantities 20,000 sq ft and more.

*Weight:* 0.96 lb/sq ft

### 4. TECHNICAL DATA

KYNAR 500® PVDF or HYLAR 5000® PVDF based finishes tested by paint supplier for:  
Dry Film Thickness: ASTM D 5796  
Topside Color: ASTM D 1729  
Specular Gloss: ASTM D 523  
Pencil Hardness: ASTM D 3363  
Solvent Resistance: ASTM D 5402  
Cross-Hatch Adhesion: ASTM D3359  
Impact Resistance: ASTM D 2794  
T-Bend Flexibility: ASTM D 4145  
Humidity Resistance: ASTM D 2247  
Cleveland Condensing: ASTM D 4585  
Water Immersion Resistance: ASTM D 870  
Salt Spray: ASTM B 117  
Chemical Resistance: ASTM D 1308  
Acid Rain Resistance (Kesternich): ASTM G 87  
Accelerated Weathering: ASTM G151 and G154  
Color Retention, Florida Exposure: ASTM D 2244  
Chalking Resistance: ASTM D 4214  
Abrasion Resistance: ASTM D 968  
Flame Spread Rating: ASTM E 84

Fire Resistance: UL 790/ASTM E 108 Class A Fire Rating  
Impact Resistance: UL2218 Grade 4  
Steel: ASTM A 792  
Coil Coating: ASTM A 755  
Florida Product Approval: FL41502

### 5. INSTALLATION

Alexxa Roofing Panels are installed vertically. The panel is installed with metal fasteners long enough to penetrate the solid substrate. Installation manuals or hands-on training via seminars are available through ecoMetals, Co. representatives. Ridge ventilation is recommend.

### 6. AVAILABILITY & COST

*Availability:* Alexxa Roofing Panels are available through ecoMetals, Co. distributors. A complete line of related components and trim accessories is available to complete the roof system. Flat sheets in matching color are also available for fabrication of related accessories by the installing contractor.

*Cost:* Contact ecoMetals, Co. for current pricing.

### 7. WARRANTY

Alexxa Roofing Panels carry a Lifetime Transferable Limited warranty.

### 8. MAINTENANCE

Alexxa Roofing Panels panels are maintenance free. Surface residue may be easily removed using conventional cleaning methods. Minor scratches may be touched up with a matching paint, available from the ecoMetals, Co.

### 9. TECHNICAL SERVICES

Technical information and literature are available at [www.ecometals.net](http://www.ecometals.net). ecoMetals, Co. will gladly assist you with design ideas and drawings.

Additional product information is available from ecoMetals, Co. upon request.

