



## 1. PRODUCT NAME

**SCANROOF®**  
**SCP163**

## 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
Website: [www.atas.com](http://www.atas.com)  
Email: [info@atas.com](mailto:info@atas.com)  
Corporate Headquarters:  
Allentown, PA 18106  
Phone: (800) 468-1441  
Western Facility:  
Mesa, AZ 85204  
Phone: (480) 558-7210

## 3. PRODUCT DESCRIPTION

### Basic Uses:

ScanRoof is a metal roofing panel with a simulated tile profile. ScanRoof may be used in new construction or for re-roofing. It is a structural panel that may be applied over open framing. In some cases, ScanRoof may be applied directly over the old roofing material, eliminating the need for tear-off and disposal.

### Composition & Materials:

Standard Offerings: Panels are roll-formed from 24 gauge metallic coated steel.

### Sizes and Profiles:

ScanRoof panels measure 13'-10" wide by 21" high. Actual coverage is 13'-2" by 16 1/2". The configuration is a European style tile, with 21 modules (7 7/8") per panel.

## COLORS & FINISHES:

A choice of 27 colors available in a 70% PVDF finish. (Request color chart or chips). Texture is a smooth finish.

## 4. TECHNICAL DATA

### 70% PVDF based finishes tested by paint supplier for:

- Dry Film Thickness: ASTM D 1005, ASTM D 1400, ASTM D 4138 or ASTM D 5796
- Specular Gloss: ASTM D 523
- Pencil Hardness: ASTM D 3363
- T-Bend Flexibility: ASTM D 4145
- Mandrel Bend Flexibility: ASTM D 522
- Impact Resistance: ASTM D 2794
- Adhesion: ASTM D 3359
- Water Immersion Resistance: ASTM D 870
- Abrasion Resistance: ASTM D 968
- Acid Resistance: ASTM D 1308
- Acid Rain Resistance (Kesternich): ASTM G 87 or DIN 50018
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487
- Humidity Resistance: ASTM D 2247
- Accelerated Weathering: ASTM D 822 and

ASTM G 23, ASTM G 151 or ASTM G 153

- Color Retention, Florida Exposure: ASTM D 2244
- Chalking Resistance – ASTM D 4214
- Cleveland Condensing Cabinet: ASTM D 4585
- Cure Test, MEK Resistance: ASTM D 5402
- Alkali Resistance, Sodium Hydroxide: ASTM D 1308, Procedure 7.2
- Flame Spread Rating: ASTM E 84
- Organic coatings meet requirements of AAMA 2605 when applied to aluminum.

### Panel testing/ratings:

- Diaphragm Test
- Strength Tests: ASTM E 72
- Uplift: UL 580 Class 90 (UL File No. R121123)
- Wind Driven Rain
- Fire Resistance: UL 790/ASTM E 108
- Class A & B Fire Rating
- Impact Resistance: UL 2218
- Penetration (Foot Traffic): ICBO ES AC166, Par. 4.2 ICBO ES ER-4623
- Florida Product Approval FL 3162
- Sound Emission Test
- Galvanized Steel: ASTM A 653
- Coil Coating: ASTM A 653

## 5. INSTALLATION

ScanRoof has an integral purlin, which allows maximum spacing between trusses. Panels are installed horizontally up the roof from eave to ridge. Recommended minimum slope is 3 in 12. Installation manuals and videos and hands-on training through seminars are available. Contact ATAS technical service advisors for more information.

## 6. AVAILABILITY & COST

### Availability:

ScanRoof panels are available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the roof system. Flat sheet and/or coil stock in matching color is also available for fabrication of related accessories by the installing of the contractor.

### Cost:

Contact ATAS product distributors for current pricing.

## 7. WARRANTY

Products coated with a fluoropolymer, 70% PVDF finish carry a limited warranty against chalking and fading.

## 8. MAINTENANCE

ScanRoof panels require minimal maintenance. Surface residue may be easily removed by conventional cleaning methods. Minor scratches should be touched up with a matching paint, available from the manufacturer.

## 9. TECHNICAL SERVICES

Complete technical information and literature are available at [www.atas.com](http://www.atas.com). ATAS will assist with design ideas and shop drawings.

## 10. FILING SYSTEM

- [www.atas.com/scanroof](http://www.atas.com/scanroof)
- Additional product information is available from the manufacturer upon request.

