



# ATAS INTERNATIONAL, INC.

## SPECIFICATION DATA SHEET

### 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: (610) 395-8445

Fax: (610) 395-9342

Western Facility:

Mesa, AZ 85204

Phone: (480) 558-7210

Fax: (480) 558-7217

Southern Facility:

Maryville, TN 37801

Phone: (800) 468-1441

### 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. Minimum pitch recommended is 3 in 12. 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 (SCP163) measure 13'-10" wide by 21" high. Actual exposure 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 26 colors is available in a KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish. (Request color chart or chips). Texture is a smooth finish.

### 4. TECHNICAL DATA

KYNAR® 500 PVDF or HYLAR® 5000

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

Sound Emission Test

Galvanized Steel: ASTM A 653

Coil Coating: ASTM A 653

Field Tested and Approved

### 5. INSTALLATION

SCANROOF has an integral purlin, which allows maximum spacing between trusses. Panels are installed horizontally up the roof from eave to ridge. Installation manuals and videos or 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 contractor.

#### Cost

Contact ATAS product distributors for current pricing.

### 7. WARRANTY

The fluoropolymer, KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish carries a thirty (30) year limited warranty against chipping, cracking, peeling, chalking and fading.

### 8. MAINTENANCE

SCANROOF panels are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. Minor scratches may be touched up with a matching paint, available from the manufacturer.

### 9. TECHNICAL SERVICES

Complete technical information and literature are available from ATAS International, Inc. ATAS will assist with design ideas and shop drawings.

### 10. FILING SYSTEM

- Sweet's Catalog
- Sweet's CD
- [www.atas.com](http://www.atas.com)
- Additional product information is available from the manufacturer upon request.

